

TAIHO ENGINE BEARINGS

CATALOGUE B-18



TAIHO

はじめに

Company Feature and Its Outline

Descripción y características de la empresa

ملامح الشركة وفكرة عامة عنها

开头

Особенности и Краткий обзор Компании

当社は自動車用エンジンベアリング・巻ブシュ・スラストワッシャなど、すべり軸受けにおける国際的なトップメーカーです。

1944年創立以来の長年にわたる知識と経験をベースに、品質マネジメントシステムの国際認証規格であるISO/TS16949:2002を登録・認証、国際的な品質・価格・納期の確立により、「信頼のTAIHOブランド」としてお客様より高い評価を頂いております。

当社は、近代技術の粋を結集したトライボロジー研究所と世界有数の軸受け専門工場を保有し、軸受け材料となる合金粉末等の製造から最終製品まで一貫生産をしている日本で唯一のベアリングメーカーであります。

これからも、グローバル企業としてお客様のご要望にお応えしてまいりますので、「TAIHO製品」をご愛用頂きますようお願い申し上げます。

We are one of the most leading manufactures in the world specialized in plain bearings such as engine bearings, formed bushings, thrust washers etc. for automotive uses.

Since 1944, we have a long experience, established the highest precision and production system selected from the masterpieces of modern technology through which we could have mass production lines manufacturing from pre-alloy powder to finished products.

Our supplying of excellent quality products under the severe quality control at reasonable price which comes from our continuous efforts of research and development activity is marked by the automotive industry concerns.

We have registered with ISO/TS16949:2002, which is an international standard of quality system standard for the automobile industry, and have set a high valuation from our customers as "Taiho means Reliability".

Nuestra empresa es líder a nivel internacional en la fabricación de cojinetes lisos, como son los cojinetes de motor, bujes laminados, arandelas de empuje, etc., para uso en automóviles.

Con el respaldo de largos años de conocimientos y experiencia desde nuestra fundación en el año 1944, nos registramos y recibimos la Certificación ISO/TS 16949:2002, estándar internacional para sistemas de administración de calidad. Gracias al establecimiento de calidad, precios y entregas de nivel internacional gozamos de gran respaldo por parte de nuestros clientes, quienes nos consideran como "TAIHO, la marca de la credibilidad".

Nuestra empresa posee el Centro de investigaciones tribológicas, que concentra una amplia gama de tecnologías modernas, y una de las plantas especializadas en rodamientos más importantes del mundo. Somos, además, los únicos en Japón que cubrimos desde la producción de las aleaciones que se utilizan como materia prima para cojinetes hasta el producto final. Es nuestra meta como empresa mundial seguir respondiendo a las necesidades de nuestros clientes.

Esperamos que nuestros productos sigan disfrutando de su preferencia.

نحن واحدة من الشركات الصانعة الرئيسية في العالم المختصين بصناعة المحامل العادية (كراسي التحميل البسيطة) مثل محامل المحرك، الجلب المشككة، فلكات الدفع، إلخ للاستخدام في المركبات الآلية.

واستناداً لتاريخنا الطويل من الخبرة والدراية الواسعة منذ تأسيس شركتنا عام ١٩٤٤، قمنا بالتسجيل لدى ISO/TS16949:2002، وهو نظام دولي لمقاييس الجودة لصناعة السيارات، وحققنا سمعة مرموقة لدى المتعاملين معنا مؤداها أن «تايهو تعني الثقة».

لدينا مركز لأبحاث الاحتكاك والبري والتزييق حيث تتركز أحدث الابتكارات التكنولوجية، ومصنعنا المختص بإنتاج المحامل هو واحد من أكثر المصانع تطوراً على مستوى العالم، نظامنا الإنتاجي المتكامل، من المواد إلى المنتجات الجاهزة بصورتها النهائية حقق لنا الاعتراف بكوننا صانع المحامل الوحيد في اليابان.

وبصفتنا شركة عالمية، فإننا نخوض التحدي لتلبية كل احتياجات المتعاملين معنا، ونأمل أن تكون منتجاتنا تايهو هي اختيارك الأول.

本公司是生产汽车用发动机轴承・轴衬・推力垫圈等，滑动轴承的国际顶尖生产厂家。在凭依着自 1944 年创立以来的多年的知识和经验的基础上，注册并认证了质量管理体系的国际认证规格的 ISO/TS16949:2002，凭着在国际上确立的质量・价格・缴纳期，「受信赖的 TAIHO 牌」得到了客户的很高的评价。本公司拥有集聚近代技术范围的磨擦研究中心和世界有数的轴承专业工厂，是日本唯一的从制造作为轴承材料的合金粉末到最终产品的轴承制造厂家。

本公司将作为一个全球性企业响应客户要求，愿「TAIHO 产品」成为您喜爱的产品。

Мы являемся одним из ведущих производителей в мире, специализирующихся на подшипниках скольжения, таких как подшипники двигателей, фильерных пластинах, упорных шайбах и т.д. для автомобильного применения

Основываясь на нашем многолетнем опыте и широких знаниях, с основания нашей компании в 1944-м, мы зарегистрированы с ISO/TS16949:2002, являющийся международным стандартом качества систем для автомобильной промышленности, и у нас высокая репутацию среди наших клиентов как «TAIHO –означает Надежность» .

У нас есть Исследовательский центр Трайбологии, в котором сконцентрирована самая современная технология, и наш завод, специализирующийся на производстве подшипников самый большой в мире. Мы являемся единственным производителем подшипников в Японии с интегрированной системой производства от сырья до готовой продукции.

В качестве глобального предприятия, мы готовы встретить все требования наших клиентов, и надеемся, что вы постоянно будете пользоваться «изделиями TAIHO».

主なお得意先 | Main Customers

株式会社 IHIターボ
アイシン・エイ・ダブリュ 株式会社
アイシン精機 株式会社
いすゞ自動車 株式会社
井関農機 株式会社
株式会社 エクセディ
カルソニックカンセイ 株式会社
九州武蔵精密 株式会社
株式会社 クボタ
株式会社 小松製作所
サンデン 株式会社
株式会社 ジェイテクト
ジャトロコ 株式会社
スズキ 株式会社
ダイキン・ザウアー・ダンフォース 株式会社
ダイハツ工業 株式会社
株式会社 デンソー
トヨタ自動車 株式会社
株式会社 豊田自動織機
トヨタ車体 株式会社

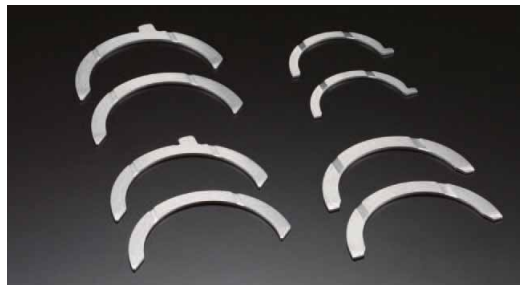
トヨタ紡織 株式会社
日産工機 株式会社
パナソニック 株式会社
日野自動車 株式会社
富士重工業 株式会社
本田技研工業 株式会社
マツダ 株式会社
三菱自動車工業 株式会社
三菱重工業 株式会社
三菱ふそうトラック・バス 株式会社
ヤマハ発動機 株式会社
ヤンマー 株式会社
Audi AG
Daimler AG
Delphi Corporation
General Motors Corporation
Halla Climate Control Corp.
Visteon Corporation
Volkswagen AG

Aisin AW Co., Ltd.
Aisin Seiki Co., Ltd.
Audi AG
Calsonic Kansei Corporation
Daihatsu Motor Co., Ltd.
Daikin-Sauer-Danfoss Ltd.
Daimler AG
Delphi Corporation
Denso Corporation
Exedy Corporation
Fuji Heavy Industries Ltd.
General Motors Corporation
Halla Climate Control Corp.
Hino Motors, Ltd.
Honda Motor Co., Ltd.
IHI Turbo Co., Ltd.
Iseki & Co., Ltd.
Isuzu Motors Limited
Jatco Ltd
Jtekt Corporation

Komatsu Ltd.
Kubota Corporation
Kyushu Musashi Seimitsu Co., Ltd.
Mazda Motor Corporation
Mitsubishi Fuso Truck and Bus Corporation
Mitsubishi Heavy Industries, Ltd.
Mitsubishi Motors Corporation
Nissan Kohki Co., Ltd.
Panasonic Corporation
Sanden Corporation
Suzuki Motor Corporation
Toyota Auto Body Co., Ltd.
Toyota Boshoku Corporation
Toyota Industries Corporation
Toyota Motor Corporation
Visteon Corporation
Volkswagen AG
Yamaha Motors Co., Ltd.
Yanmar Co., Ltd.

大豊工業の主要製品 | TAIHO Product Lines

エンジンベアリング／Engine Bearings



Quality and Environment Management System | 品質・環境マネジメントシステム

Quality Management System／品質マネジメントシステム

At Taiho Kogyo, our major plants in Japan and overseas have been certified under the ISO/TS16949 for quality managementsystems.

Through the implementation and operation of our quality control system, we supply the reliable products for our customers.

大豊工業(株)では、国内外の主要生産工場で、品質マネジメントシステムにおける国際規格ISO/TS16949を取得。

システム導入・運用を通じてお客様に信頼できる商品の提供を行っております。



Environmental Management System／環境マネジメントシステム

At Taiho Kogyo, all our parts of our company are involved in efforts to ensure safety, environmental awareness and energy conservation. All our major production locations, in Japan and overseas, have been certified under the ISO 14001 international standards for environmental management.

We continue to make efforts to improve our systems so that our factories are recognized throughout the world as kind to both humanity and the earth.

大豊工業では、安全及び環境・エネルギー管理を目的に全社を挙げた取り組みを行い、国内外の主要生産拠点で環境マネジメントシステム「ISO14001」の認証を取得しました。さらにこれら環境への取り組みを継続的に改善し、人と地球に優しく、世界に認められる工場づくりを推進しています。



Europe

Hungary



Taiho Corporation of Europe Kft.
2367 Ujhartyan, Japan fasor 7, Hungary

Korea Japan

China

Asia

Thailand

Indonesia



Hengye Bearing Materials Co.,Ltd (Changzhou)

No.5 Yetian Village, Caohecutwei, Xuejia Town, Xinbei District, Changzhou City, Jiangsu Province, China



Taiho Corporation of Korea

1088 Wolam-Dong, Dalseo-Gu, Daegu, Korea



Taiho (Thailand) Co.,Ltd

55/39/2 Moo 13, Phaholyothin Rd, T.Klongnueng, A.Klongluang, Pathumthani, 12120 Thailand



Taiho Kogyo Corporation of Yantai
264006 NO.42, Guang Zhou road, Yantai Eco&tech Development Zone, China



PT. Taiho Nusantara
JI, Permata Raya Lot BB-8B Kawasan Industri KILC Karawang 41361 Jawa Barat, Indonesia

North America

Ohio



Taiho Corporation of America U.S.
194 Heritage Drive Tiffin, Ohio 44883, U.S.A.



Corporate Head Office & Main Plant
3-65, Midorigaoka, Toyota-City,
Aichi 471-8502, Japan



Hosoya Plant
2-47, Hosoya-Cho, Toyota-City,
Aichi 471-8502, Japan



Technical Center
2-47, Hosoya-Cho, Toyota-City,
Aichi 471-8502, Japan



Sasahara Plant
37-1, Shikita, Sasahara-Cho, Toyota-City,
Aichi 470-0352, Japan



Koukai Plant
2-1, Kamigiri, Ichida, Koukai-Cho, Toyota-City,
Aichi 444-2221, Japan



Kyushu Plant
50-19, Midori-Machi, Izumi-city, Kagoshima
899-0201, JAPAN

取扱注意事項 | Instruction | Instrucciones de manejo

1.保管

(1)防塵

保管場所に注意し、ちりやほこりの侵入を防いでください。

(2)運搬

ベアリングは傷つきやすいので、衝撃・振動を与えないでください。ベアリングは汚れない手で取り扱い、収納は清浄な箱を使用してください。

2.組付け

(1)シャフト研磨

シャフトを研磨し再利用するときは、最適クリアランスが確保できるように適性なシャフト径に研磨し、さらには表面粗さが粗くならないよう十分に注意してください。

(2)バリ・キズ

シャフトへの打痕、研磨時のバリなどが発生しないように注意してください。

(3)その他

ベアリングを組付ける直前には、ベアリングのすべり面に清浄なオイルを薄く塗布してください。

1.Storage

(1)Dustproof

:Keep Engine Bearings where it is not dusty.

(2)Transfer & Carrying

:Engine Bearings are easily spoiled, therefore, do not give any shocks or vibration to them.

Handle Engine Bearings with clean hands and use clean box after they are taken out of TAIHO box.

2.Assembling

(1)Finishing shafts

:Finish shaft diameter properly to the required standard in order to obtain proper oil clearance.

Also finish shaft surface (roughness) properly.

(2)Burr & Crack

:To avoid any burrs or cracks, take proper care when finishing shaft.

(3)Others

:Apply sufficient oil to all bearing surfaces when installing.

1. Almacenamiento

(1) Polvo

Almacene en un lugar que no permita la entrada de polvo.

(2) Transporte

Evite choques y vibraciones, los cuales pueden causar daños a los cojinetes. No maneje los cojinetes con manos sucias, y guárdelos en una caja limpia.

2. Montaje

(1) Lijado del eje

Al lijar el eje con la finalidad de volver a usarlo, asegúrese de reducirlo a un diámetro que garantice la holgura del aceite, y cuide que la superficie no quede áspera.

(2) Virutas y rayas

Evite marcas de golpes y virutas al momento de lijar el eje.

(3) Otros

Aplice una fina capa de aceite limpio a la superficie del cojinete antes del montaje.

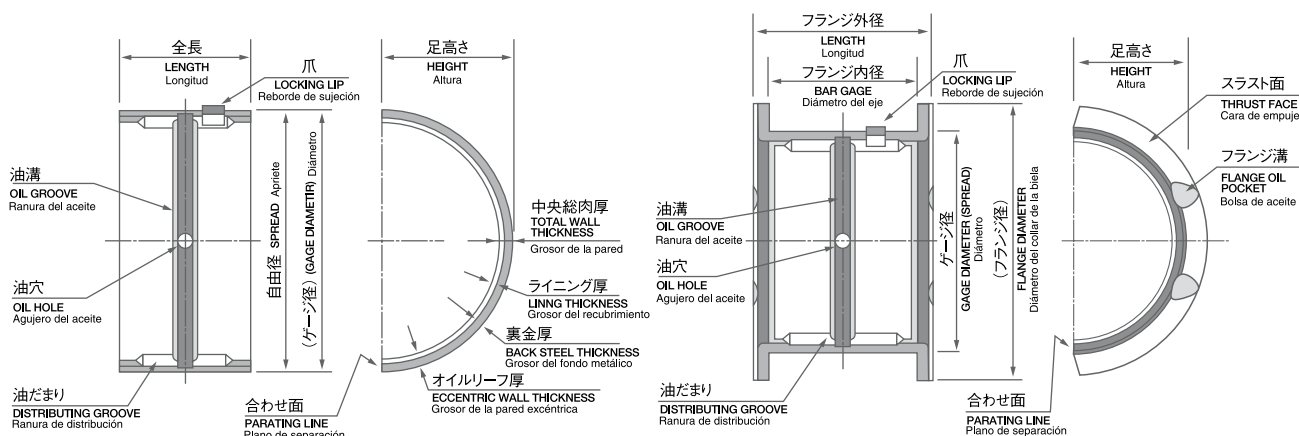
これらは、ベアリングの異常磨耗、焼付け防止上大切な事柄ですので、ご注意ください。さらに、すべてのベアリングの組付けが終わったとき、クランクシャフトが軽く回るか確認してください。重いとき、または回らないときには直ちに分解して原因を調べてください。

These instructions are very important in avoiding bearing abnormal wear, seizure, and so on.

These instructions are for reference purpose only, details should be followed according to each manual book. Finally, check whether shaft can revolve lightly, if not, disassemble engine immediately and check each part.

Por favor ponga atención a estos puntos, ya que son importantes para prevenir el desgaste anormal y agarrotamiento del cojinete. Cuando termine el montaje de todos los cojinetes asegúrese de que el cigüeñal gire libremente. Si el giro es pesado o no gira en absoluto, desarme de inmediato e investigue la causa del problema.

各部の名称 | Bearing Nomenclature | Nombres de las partes



١. التخزين

(١) مقاومة الغبار

إحتفظ بمحامل المحرك في مكان خالٍ من الغبار.

(٢) النقل والحمل

محامل المحرك سهلة التلف، لذا لا تعرضها لأي صدمات أو اهتزاز. تناول محامل المحرك بأيدي نظيفة واستعمل صندوقاً نظيفاً بعد إخراجها من صندوق تايهو.

٢. التجميع

(١) صقل الأعمدة

قم بصقل قطر العمود كما ينبغي حتى المقياس المطلوب للحصول على خلوص الزيت الصحيح. كذلك قم بصقل سطح العمود (الخشونة) كما ينبغي.

(٢) الزوائد الخشنة والتشققات

لتفادي أي زوائد خشنة أو تشققات، التزم الحرص الكافي عند صقل العمود.

(٣) غير ذلك

ضع قدراً كافياً من الزيت على جميع سطوح المحامل عند التركيب.

هذه التعليمات مهمة جداً لتفادي الإهتراء غير العادي للمحامل والانكماش وما شابه ذلك. الغرض من هذه التعليمات هو أن تكون مرجعاً إشارياً فقط، وينبغي إتباع التعليمات التفصيلية كما في كل كتيب استخدام. وأخيراً، تحقق مما إذا كان العمود يدور بخفة، وإذا لم يكن كذلك فقم بفك المحرك على الفور وافحص كل جزء.

1. 保管

(1) 防尘

注意保管的场所，防止垃圾和灰尘的进入。

(2) 搬运

因轴承容易受损，请不要有碰撞和振动。请用干净的手来接触轴承，并用清洁的箱子保存。

2. 组装

(1) 轴的研磨

将主轴研磨再利用时，为了保持最适当的间隙，要研磨至适当的轴径，并注意表面的光滑。

(2) 毛刺・损伤

在打刻，研磨轴时，要注意不能有毛刺等产生。

(3) 其它

在组装轴承之前，请在轴承的滑动面上用干净的毛巾薄薄地涂一层油。

1. Хранение

(1) Пыленепроницаемость

Храните подшипники двигателя в месте, защищенном от пыли.

(2) Перенос и Транспортировка

Подшипники двигателя легко портятся, поэтому, пожалуйста, не подвергайте их ударам или вибрации. Обращайтесь с подшипниками двигателя чистыми руками и используйте чистую коробку после того, как они были вынуты из коробки ТАЙНО.

2. Монтаж

(1) Шлифовка вала

При повторном использовании вала после шлифования, обеспечьте шлифование в соответствии с требуемым стандартом диаметра шахтного ствола, и также будьте внимательны при шлифовании поверхности (шероховатостей).

(2) Повреждения и Трещина

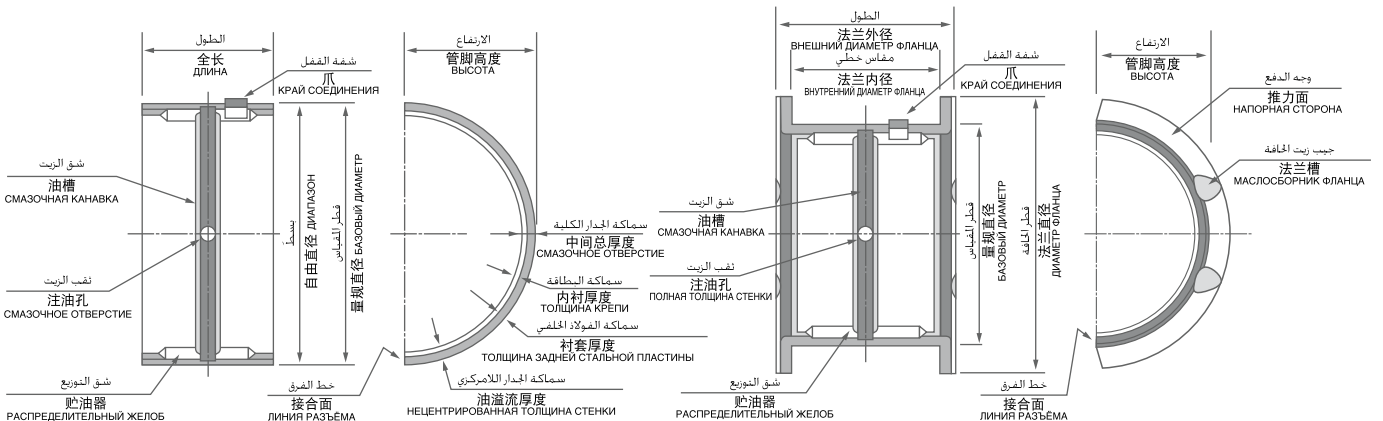
Во избежании любых повреждений или трещин, соблюдайте надлежащую осторожность при шлифовании вала.

(3) Прочее

При монтаже используйте достаточное количество масла ко всем опорным поверхностям.

Эти инструкции очень важны во избежании ненормального износа подшипников, заклинивания, и так далее. Эти инструкции даны только с целью рекомендации, подробнее вы должны следовать в соответствии с каждым руководством. В заключение, проверьте, может ли вал вращаться легко, в противном случае немедленно демонтируйте двигатель и проверьте каждую часть.

الأسم لكل جزء | 各部分名称 | Названия частей



Explanation of TAIHO Set Numbers | セット番号欄の符号説明



Type of Bearings / ベアリング名称

- M** :Main Bearing Set / メインベアリングセット
- MP** :Main Bearing Set (Pair) / メインベアリングセット (ペア)
- T** :Thrust Washer Set / スラストワッシャセット
- R** :Connecting Rod Bearing Set / コネクティングロッドベアリングセット
- RP** :Connecting Rod Bearing Set (Pair) / コネクティングロッドベアリングセット (ペア)
- C** :Camshaft Bearing Set / カムシャフトベアリングセット
- PC** :Pump Drive Shaft Bearing Set / ポンプドライブシャフトベアリングセット
- P** :Piston Pin Bushing Set / ピストンピンブッシュセット
- B** :Balance Shaft Bushing Set / バランスシャフトブッシュセット

Materials / ベアリング材質

- H** :Sintered Copper-Lead / 焼結銅鉛合金・焼結鉛青銅合金
- A** :Aluminum Alloy / 高錫アルミニウム合金
- L** :Lead White Metal / 鉛ホワイトメタル ※Will be changed to lead free material.
- P** :Phosphor Bronze / リン青銅合金

車種・型式

Application Model

ベアリング名称

Type of Bearings

モデル品番表示

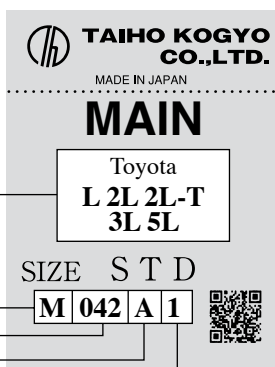
Model Number

材質表示

Material

設計変更表示

Alteration



Micro-Grooved Bearings | マイクログループベアリング

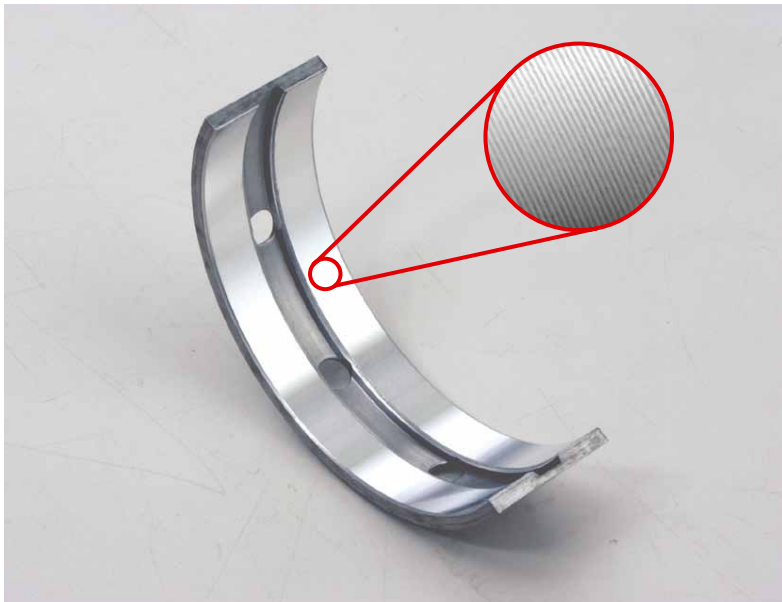
It used to be a given that bearing surfaces had to be flat and smooth, but MGB technology turned this thinking on its head by introducing bearing surfaces with shallow, uniform grooves. These have now become the norm in high-performance engine bearings. The true value of these bearings has been further improved through the use of lead-free materials.

MGBは「軸受面は平滑で滑らか」といった当時のすべり軸受けの概念を覆し、軸受面にごく浅く均一な溝を設けたもので、現在では高性能エンジンベアリングの主流となっています。鉛フリー軸受材料との併用でさらにその真価を発揮します。

Characteristic / 特徴

Performance Improvement for Durability, Silence and Fuel Efficiency

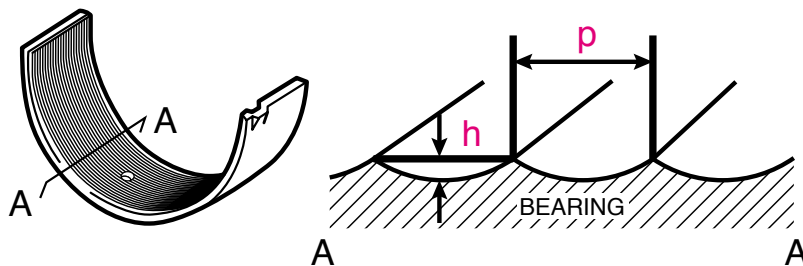
- ・軸受の耐久性能(耐疲労性等)向上
- ・エンジンの静粛性向上・燃費改善



Structure / 構造

MGB is High Performance Engine Bearing with shallow, uniform grooves on the inner surface

軸受内面をレコードみぞ状(グループ)に仕上げた高性能エンジン軸受



Application Model		ITEM	PART NO.
TOYOTA	1AZ,2AZ	M/R	M724A
		C/R	R724A
	1G-FE	M/N	M743A
	1GR-FE	M/N	M736A
		C/R	R736A
	2GR-FE	M/N	M739A
	3GR,4GR,5GR	M/N	M740A
	2GR-FE,3GR	C/R	R740A
	1KR	M/N	M735A
		C/R	R735A
	1KZ,1KD,2KD	M/N	M720A1
		C/R	R720A1
	1MZ-FE	M/N	M719A
		C/R	R719A
	1NZ,2NZ	M/N	M723A1
		C/R	R723A
	1RZ,2RZ,3RZ	M/N	M703A2
	3RZ	C/R	R711A
	3SZ	C/R	R727A
	1TR,2TR	M/N	M729A1
		C/R	R729A
TOYOTA DAIHATSU	2UZ-FE	M/N	M733A
		C/R	R733A
	1ZR,2ZR	M/N	M734A1
		C/R	R734A
	1ZR	C/R	R744A
NISSAN	1ZZ-FE	M/N	M715A
		C/R	R715A
	1SZ,2SZ	M/N	M725A
	K3	M/N	M726A
		C/R	R726A
SUZUKI	MR18,MR20	M/N	M1054A
		C/R	R1054A
	J18A,J20A	M/N	M661A
	H20A,H25A, H27A	M/N	M662A
		M/N	M663A
		C/R	R661A
		C/R	R662A
	K6A	M/N	M660A
		C/R	R660A
	M13A	M/N	M664A
ISUZU		C/R	R664A
	M15A,M16A M18A	M/N	M665A
		C/R	R665A
	3AE1	C/R	R807H1
	6VD1	M/N	M810A
HINO		C/R	R810A
	J08C	M/N	M226H
HONDA	J05C,J07C,J08C	M/N	MP226H
	J30A	M/N	M473H
		C/R	R473H
	L13A,L15A,LDA	M/N	M468A
		C/R	R468A
HYUNDAI	R16A,R18A	M/N	M457A
		C/R	R457A
	K20A,K24A	M/N	M469A
		C/R	R469A
MAZDA	D	M/N	M3107A
		C/R	R3107H
MAZDA	W9	M/N	M332A
		C/R	R332A

SUPER GRADE ENGINE BEARING High Quality Materials | スーパーグレードエンジンベアリング 高品質材質

TAIHO Super Grade Engine Bearings have adopted higher quality material with Gold and Silver Label.

大豊では、通常品より高品質材質を用いた金銀ラベルアイテムを設定しております。

Gold Label / 金色ラベル

Super Grade Main Bearing Set

スーパーグレード メインベアリング セット



Silver Label / 銀色ラベル

Super Grade Connecting Rod Bearing Set

スーパーグレード コンロッドベアリング セット



	Application Model	PART NO.
HINO	EF550,750	M220H1
		R220H1
	EH500,700	M208H1
		R208H1
	EK100	M214H1
		R214H1
	H07C	M218H1
		('84-'85) R218H1
		('86-) R219H1
	H07D	R224H1
	J05C,J07C,J08C	M224H
		MP224H
		RP224H1
	J08	M226H
ISUZU	J05C,J07C,J08C	MP226H
	J05D	RP226H
	P11C	R227H
	10PA1,10PB1,10PC1	MP179H1
		RP179H1
	4BA1,4BB1,4BC1,4BC2,4BD1,4BD1-T,4BE1,4BE2,4BG1,C330,6BB1,6BD1,6BD1-T,6BF1,6BF1-T,6BG1,6BG1-T,D5004BD1	RP168H1
	6BD1	M190H1
		R168H1
	6BD1	('76-'78) M173H1
		('80-) M182H1
	6HK,6HE1T	R169H1
	6SA1	C803H
	6WA1-T,6WF1-T,6WG1-T	M186H
		R186H
	8PD1,10PD1	M811H
		R811H
	12PD1	MP198H
	D920,DH100,DH100-T	RP198H
	DH100	M163H2
		M156H2
		R166H1
		R156H1
MITSUBISHI	6A13-D4	★ M905H
	6A13	★ R904H
MITSUBISHI FUSO	6D10	M112H2
	6D14-T,6D15-T,6D16,6D16-T,6D176D24,6M7	R112H1
		M129H1
		M901H
		R901H
	6D40	M902H
	8DC6~9	MP107H3
		RP107H3
		RP114H1
	8DC7,8DC8,8DC70,8DC80	M107H2
	8DC70,80	R114H1
		M107H1
	8DC10,90	R124H1
NISSAN DIESEL	BD30	R087H
	ED33,FD33	R082H1
	ED6	M065H1
		R065H1
	ND6	M067H1
		R067H1
	PD6	M076H1
		R076H1
	RD10	M064H1
		RP063H1
	RD8	M063H1
		R063H1
	RD8・RD10,RE	MP090H1
NISSAN	RD8,RE8('83-'85)	M090H1
	RD10,RE10('83-'86)	M091H1
	SD20	M080H2
	SD20,SD22,SD23,SD25	R080H1
	SD33	M081H2
		R081H1
	KA24	M084H1
	L18,Z20,Z22,Z24	R054H1
KOMATSU	L20,L24,L26,L28,LD28	R057H1
	VQ20,VQ25,VQ30	M099H
	VQ20	R099H
	VQ25	R100H
	VQ35	R1058H
	Z20,Z22,Z24	M066H2
	SAA6D102E	★ R421H

BRAND NEW ITEM

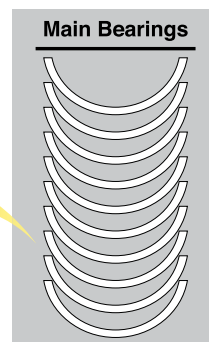
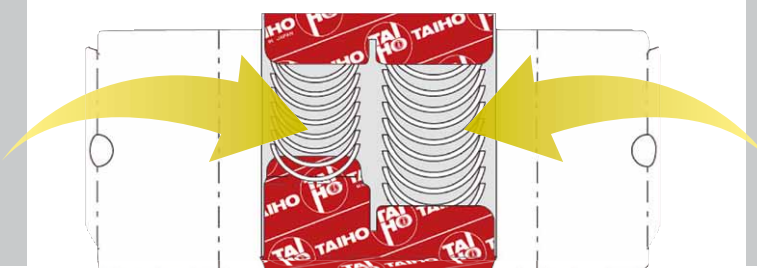
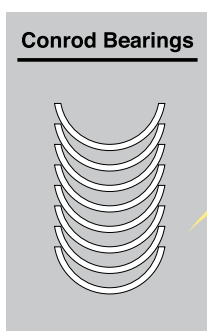


セット売りアイテム品番表

MAKER	ENGINE	TAIHO SET NO.	PACKAGE CONSISTS OF
TOYOTA	1E, 2E, 4E	SMR025A	M025A R025A
TOYOTA	L, 2L, 2L-T, 3L, 5L	SMR042A	M042A1 R039A
MITSUBISHI	4G51, 4G52, 4G53, G52B	SMR113A	M113A3 R113A1
MITSUBISHI	4G13, G13B, 4G15, G15B	SMR119A	M119A R130A
MITSUBISHI FUSO	4D30, 4D31, 4D31-T, 4D32	SMR121H	M121H R121H

MAKER	ENGINE	TAIHO SET NO.	PACKAGE CONSISTS OF
TOYOTA	12R	SMR016A	M016A R016A
TOYOTA	Y, 2Y, 3Y, 4Y	SMR041A	M041A R041A
MITSUBISHI	4G63, 4G64	SMR136A	M136A R136A
MAZDA	F6, F8, FE	SMR315A	M315A R336A
TOYOTA	1RZ, 2RZ, 3RZ, 2TZ-FE	SMR703A	M703A2 R703A

SET PACKAGE



TAIHO KOGYO CO.,LTD.

Modes of Bearing Damage and Factor Analysis | エンジンベアリングの損傷モードと要因解析

Theoretically the sliding surfaces of engine bearing and crankshaft do not cause solid contact during continuous operation since a film of lubricating oil exists between them.

In reality, however, cases have been reported where a solid contact occurred due to various factors, resulting in broken oil film and wear and ultimately leading to a serious damage.

エンジンベアリングとクランクシャフトとのすべり面には、潤滑油の油膜が存在するために、理論的には連続運転中における個体間の接触は起きません。

現実的にはいろいろな要因により個体間の接触を避けられず、油膜を破ってしまい重大な損傷につながる実例があります。

ここでは代表的な損傷モードの実例を紹介します。

1. Abnormal Wear / 異常摩耗

A condition such as an uneven wear or local wear, caused by housing or crankshaft defects or misalignment and sometimes caused by the acceptance of debris.

ミスアラインメントや局部当りによる偏摩耗・局部摩耗や異物混入による傷を伴った摩耗などの異常な摩耗をいいます。

1 Linear Scratch Marks / 線状傷



- 【1】** Flaw caused by depositing of fine debris particle on the shaft.
細かな異物が軸に付着して発生した傷



- 【2】** Flaw caused by depositing of relatively large debris particle on the shaft.
比較的大きな異物の侵入や鑄造軸のフェライトバリにより発生した傷



- 【3】** Deep flaw reaching the lining, caused by acceptance of debris, burrs around the shaft oil hole, etc.
軸油穴のバリ・大きな異物による深い傷(ライニングに達する)

2 Abnormal Wear / 異常摩耗



- 【1】** Local wear near the oil relief caused by significant misalignment of the connecting rod.
コネクティングロッドの大きな食い違いによるオイルリリーフ近傍の局部摩耗



- 【2】** Uneven wear caused by insufficient shaft accuracy (cylindricity).
軸精度(円筒度)不良による偏摩耗



- 【3】** Uneven wear caused by insufficient housing accuracy (cylindricity).
ハウジング精度(円筒度)不良による偏摩耗



- 【4】** Uneven wear accompanied by an insufficient lubrication due to the worn shaft.
軸摩耗により潤滑不良を伴った偏摩耗

2. Seizure / 焼付き

A complete adhesion of the sliding surfaces, caused by a generation of excessive heat, surface flow, galling or agglutination arising from a contact between metal sliding surfaces due to insufficient oil, not enough clearance, high-speed operation, high loading, uneven contact, etc.

油切れ、局部当りなどによる油膜切れによるしゅう動面での固体接触がエンジンベアリングとシャフトとの凝着に至り、激しい発熱を伴った表面流動、かじり、固着現象をいいます。



- 【1】** Surface flow of the lining accompanied by linear scratch marks caused by burr around the shaft oil hole.
軸の油穴バリによる線状傷を伴ったライニングの表面流動



- 【2】** Surface flow of the overlay accompanied by linear scratch marks caused by acceptance of debris.
異物による線状傷を伴ったオーバーレイの表面流動



- 【3】** Surface flow of the lining caused by insufficient shaft accuracy (cylindricity)
軸精度 (円筒度) 不良によるライニングの表面流動



- 【4】** Seizure caused by insufficient lubrication of the bearing.
ベアリングへの潤滑不足による焼付き



- 【5】** Seizure accompanied by overlay fatigue due to a rise in bearing temperature (high oil temperature).
軸受温度上昇 (高油圧) によるオーバーレイの疲労を伴った焼付き

3. Fatigue / 疲労

When a crack generated in the lining has grown and causes the lining to isolate or separate from the back metal, the shape of the separation area becomes irregular and cracks occur. In the presence of a strong local contact, the bearing generates heat and the oil film thickness decreases. As a result, a metal contact occurs between the shaft and bearing and the surface lining triggers a plasticity flow, which, if promoted, eventually causes a meltdown separation. This series of phenomena are called "fatigue".

軸受け合金への繰り返し荷重により生じた軸受合金の疲労クラックをいいます。アルミニウム合金軸受けの場合、クラックがライニングと裏金界面を伝播しライニングの剥離に至る場合があります。銅合金軸受けの場合、クラックがライニングから裏金まで伝播しエンジンベアリングの破断にいたる場合があります。



- 【1】** Overlay fatigue caused by local contact on the inner diameter surface of bearing resulting from a depositing of oil sludge on the outer diameter surface of bearing.
ベアリング外径面へのオイルスラッジ堆積からベアリング内径面の局部当りによるオーバーレイの疲労



- 【2】** Fatigue separation of the overlay caused by rise in bearing temperature (high oil temperature).
ベアリング温度上昇 (高油圧) によるオーバーレイの疲労剥離



- 【3】** Fatigue separation of the overlay caused by overloading of the bearing.
ベアリングへの過負荷によるオーバーレイの疲労剥離



- 【4】** Fatigue separation of the lining caused by rise in bearing temperature due to an overloading of the bearing.
ベアリングへの過負荷によるベアリングの温度上昇に起因するライニングの疲労剥離



- 【5】** Fatigue separation of the lining caused by uneven contact (misalignment).
片当り (ミスアライメント) によるライニングの疲労剥離

4. Corrosion / 腐食

A phenomenon of selective corrosion of lead in the overlay and lining, caused by a chemical reaction of the lead contained in the lubricating oil and shaft metal, which causes the lubricating oil to oxidize (degrade) during operation and produce organic acids and oxides.

潤滑油の酸化劣化・熱分解・加水分解より生じた生成した酸及びブローバイの混入に伴う生成物が原因となる科学的な反応をいいます。鉛合金は潤滑油の劣化により生成したカルボン酸により溶出します。銅合金では添加剤等の硫黄分と反応し硫化腐食が生じます。



- 【1】** Corrosion (discoloration) of the overlay caused by a degradation of oil (increased total oxidation, etc.)
オイルの劣化 (全酸化増加など) によるオーバーレイの腐食 (変色)

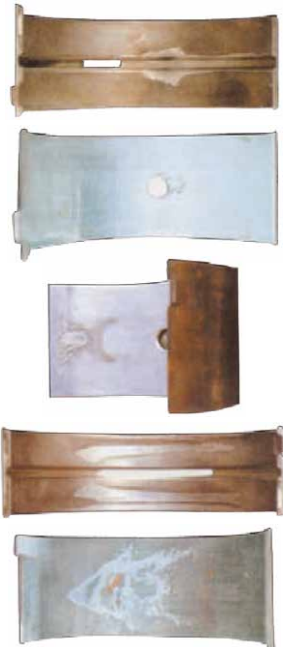


- 【2】** Uneven wear accompanied by insufficient lubrication due to the worn shaft.
軸摩耗により潤滑不良を伴った偏摩耗
- 【3】** A promoted corrosion has caused a part of the lining to separate/fall.
腐食が進展し、ライニングの一部が脱落
- 【4】** Surface flow of overlay accompanied by linear scratch marks caused by unacceptance of debris.
異物による線状傷を伴ったオーバーレイの表面流動(ライニング中の鉛が選択的に腐食して消失)

5. Cavitation Erosion / キャビテーション エロージョン

A phenomenon of erosive breakage of the bearing surface, caused by the energy generated when a cavity formed by the lubricating oil breaks under high pressure. Cavities form as a result of high-speed shearing the lubricating oil and are thus often created when the oil passage is blocked.

潤滑油中に生じたキャビティが崩壊したときにエンジンベアリング表面が浸食的に破壊される現象をいいます。キャビティの発生は、潤滑油の負圧や乱流によるもので、軸心の急激な変動や給油経路の障害などにより発生します。



- 【1】** Damage to the overlay caused by local impact force generated by cavitation around the oil groove.
Called "flow cavitation".
油みぞまわりに発生したキャビテーションの局部衝撃力によるオーバーレイの損傷
(流れキャビテーションと呼ぶ)
- 【2】** Damage to the lining caused by local impact force generated by cavitation around the oil hole in the connecting rod bearing. Called "flow cavitation".
コンロッドベアリングの油穴周辺に発生したキャビテーションの局部衝撃力によるライニングの損傷
(流れキャビテーションと呼ぶ)
- 【3】** Damage to the lining caused by cavitation formed near the crush relief of the connecting rod bearing. Called "flow cavitation".
コンロッドベアリングのクラッシュリリーフ近傍に発生したキャビテーションによるライニングの損傷
(流れキャビテーションと呼ぶ)
- 【4】** Damage to the overlay caused by cavitation formed at the center of the upper main bearing.
Called "suction cavitation".
アッパー側メインベアリングの中央部に発生したキャビテーションによるオーバーレイの損傷
(吸入キャビテーションと呼ぶ)
- 【5】** Damage to the overlay caused by cavitation formed at the center of the connecting rod bearing (near the maximum loading point). Called "impact cavitation".
コンロッドベアリングの中央(最大荷重点近傍)に発生したキャビテーションによるオーバーレイの損傷
(衝撃キャビテーションと呼ぶ)

6. Fretting Corrosion / フレットイング コロージョン

Slight oxidation, agglutination or separation on the surface, caused by microvibration(sliding) between metals at the outer diameter surface or mating surface of bearing due to an insufficient interference, lack of rigidity in the housing, etc.

ハウジングの剛性不足や足高さ不足などにより、エンジンベアリング外径面または合わせ面でエンジンの回転に伴う微しゅう動が発生して、微小な表面酸化、凝着、剥離などを生じる現象をいいます。



- 【1】** Damage to the inner diameter surface of bearing caused by agglutination of the abrasion powder produced by fretting corrosion, which occurred on the outer diameter surface of bearing due to an insufficient rigidity in the connecting rod. Damage to the outer diameter surface of bearing caused by local agglutination of the abrasion power from the inner surface of connecting rod large end bore.
コネクティングロッドの剛性不足で、ベアリング外径面に発生した微動摩耗による摩耗粉の凝集に起因したベアリング内径面の損傷(コネクティングロッド大端穴内面の摩耗粉が局部的に凝着したベアリング外径面の損傷)
- 【2】** Damage to the inner diameter surface of bearing caused by depositing of the abrasion powder produced by microslide, which occurred on the outer diameter surface of bearing due to an insufficient bearing interference. Local damage to the inner diameter surface of bearing in the area corresponding to the location of fretting on the outer diameter surface of bearing.
ベアリングの締め代不足で、ベアリング外径面に発生した微摺動による摩耗粉の堆積に起因したベアリング内径面の損傷(ベアリング外径面に生じたフレットイング部分に相当するベアリング内径面の局部損傷)

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注: 単体品番欄における()は、つばつき製品を示します。
Note : Taiho Part Numbers with parenthesis Flange Bearings.

★ Mark shows New Part Numbers from B-18.

The information contained in this catalogue has been edited with utmost care.

But we do not assume responsibility for inaccuracies that may appear herein.

MODEL · YEAR NOS.OF CYL X CYL CAPACITY · BORE X STROKE CAR NAME - MODEL	TAIHO SET NO.	TAIHO PART NO.	UNIT PER SET	POS- TION	DIMENSION (mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1A 1978~79 G4×1452CC・77.5×77 TERCEL -AL10	M022A	63-043-1	10	1~5	47.98	52.04	2.005	19.90	11701-15011

カタログの見方

- ①=エンジン型式名称
 適用年月
 G: ガソリン、D: ディーゼル 気筒数 総排気量 内径 × 行程
 車種名
 ②=大豊セット No. ③=使用個数 ④=シャフト径 (最小) ⑤=肉厚 (最大)
 ⑥=大豊生産 No. ⑦=取付位置 ⑧=ハウジング径 (最大) ⑨=巾 (最大)
 ⑩=参考品番

HOW TO USE CATALOGUE

- ①=Engine model
 Engine application period
 Gasoline engine=G, Diesel engine=D, Number of cylinders Total displacement
 Bore and Stroke
 Vehicle name-model ②=Shaft diameter(min)
 ③=TAIHO set number ④=Housing diameter(max)
 ⑤=TAIHO part number. ⑥=Wall thickness(max)
 ⑦=Quantity per unit ⑧=Width(max)
 ⑨=Mounting position ⑩=Reference number

INDICACIONES PARA CONSULTAR EL CATÁLOGO

- ①=Modelo del Motor
 Periodo de la aplicación del Motor
 Motor de gasolina=G, Motor de diesel=D, Número de cilindros, Cilindrada total,
 Diámetro interior del cilindro y distancia del punto muerto superior
 al punto muerto inferior del pistón(carrera).
 Nombre del vehículo - modelo ②=Diámetro del eje(mín.)
 ③=Número de TAIHO ④=Diámetro de la envoltura(máx.)
 ⑤=Número de la producción de TAIHO ⑥=Grosor del cojinete(máx.)
 ⑦=Cantidad por unidad ⑧=Anchura(máx.)
 ⑨=Posición del montaje ⑩=Número de la referencia

كيفية استعمال الكتالوج

- ①=موديل المحرك
 فترة استخدام المحرك
 محرك بنزين = G، محرك ديزل = D، عدد الاسطوانات سعة المحرك الإجمالية
 الفجوة والشوط
 اسم-موديل السيارة ②=رقم طقم TAIHO
 ③=رقم قطعة TAIHO.
 ④=الكمية لكل وحدة
 ⑤=موضع التركيب
 ⑥=قطر عمود الإدارة (حد أدنى)
 ⑦=قطر المبني (حد أقصى)
 ⑧=سُمك الجدار (حد أقصى)
 ⑨=العرض (حد أقصى)
 ⑩=الرقم المرجعي

产品的查阅方法

- ①=发动机型号
 适用发动机的年月
 G: 汽油发动机，D: 柴油发动机 气缸数 排气量 缸径 × 冲程
 车名 ②=最小曲轴径
 ③=大丰套件产品号 ④=最大轴座径
 ⑤=大丰生产钢印号 ⑥=最大壁厚
 ⑦=1台发动机的使用个数 ⑧=最大轴瓦宽
 ⑨=安装位置 ⑩=参考零件号

КАК ПОЛЬЗОВАТЬСЯ КАТАЛОГОМ

- ①=Название модели двигателя
 Период применения
 Бензиновый двигатель=G, Дизельный двигатель=D, Количество цилиндров, Рабочий
 объем, Диаметр цилиндра x Ход поршня
 Название модели автомобиля ②=Диаметр вала (мин.)
 ③=Номер комплекта TAIHO ④=Диаметр картера (макс.)
 ⑤=Номер детали TAIHO ⑥=Толщина стенки (макс.)
 ⑦=Количество на единицу ⑧=Ширина (макс.)
 ⑨=Монтажное положение ⑩=Справочный номер

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1A 1978~79 G4×1452CC · 77.5×77 TERCEL -AL10 2A 1979~83 G4×1295CC · 76×71.4 TERCEL -AL11,20 3A 1979~83 G4×1452CC · 77.5×77 CARINA -AA60 COROLLA-AE70 TERCEL -AL12,21 CORONA -AT140 4A 1982~83 G4×1587CC · 81×77 (DAIHATSU) CHARMANT-A55	M022A	63-043-1	10	1~5	47.98	52.04	2.005	19.90	11701-15011 11701-15010
	R022A	64-022-1	8	1~4	39.99	43.02	1.490	17.10	13041-15011 13041-15010
	T022A	65-022-1	2	3	—	—	2.490	—	11011-15020 11011-15010 11011-01010 11011-01011
		65-022-2	2	3	—	—	2.490	—	
2A 1983~83/6 G4×1295CC · 76×71.4 3A 1983~83/6 G4×1452CC · 77.5×77 4A 1983~83/10 G4×1587CC · 81×77	M043A	63-043-1 63-043-2	5 5	1~5 1~5	47.98 47.98	52.04 52.04	2.005 2.005	19.90 19.90	11701-16010 11701-15050 11701-15030
	R022A	64-022-1	8	1~4	39.99	43.02	1.490	17.10	13041-15011 13041-15010
	T022A	65-022-1	2	3	—	—	2.490	—	11011-15020 11010-15010 11011-01010 11011-01011
		65-022-2	2	3	—	—	2.490	—	
2A 1983/7~ G4×1295CC · 76×71.4 3A 1983/7~ G4×1452CC · 77.5×77 4A, 4A-FE 1983/10~ G4×1587CC · 81×77 5A, 5A-FE 1987/5~ G4×1498CC · 78.7×77 COROLLA-AE91 CORONA -AT170	M043A	63-043-1 63-043-2	5 5	1~5 1~5	47.98 47.98	52.04 52.04	2.005 2.005	19.90 19.90	11701-16010 11701-15050 11701-15030
	R043A	64-043-1	8	1~8	39.99	43.02	1.490	17.10	13041-16040 13041-16010 13041-15031 13041-15030 13041-01010
	T022A	65-022-1	2	3	—	—	2.490	—	11011-15020 11011-15010 11011-01010 11011-01011
		65-022-2	2	3	—	—	2.490	—	

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4A-GE, 4A-GZE 1987/5~ G4×1587CC · 81×77 COROLLA -AE92 SPRINTER-AE92	M043A	63-043-1 63-043-2	5 5	1~5 1~5	47.98 47.98	52.04 52.04	2.005 2.005	19.90 19.90	11701-16010 11701-15050 11701-15030
	R716H	64-716-1	8	1~4	41.98	45.02	1.490	17.10	13041-16071 13041-16070
	T022A	65-022-1 65-022-2	2 2	3 3	— —	— —	2.490 2.490	— —	11011-15020 11011-15010
	P043H	67-043-1	4	1~4	19.90	22.03	1.030	22.00	90999-73111
7A-FE 1992/6~ G4×1762CC · 81×85.5 CARINA -AT191	M043A	63-043-1 63-043-2	5 5	1~5 1~5	47.98 47.98	52.04 52.04	2.005 2.005	19.90 19.90	11701-16010 11701-15050 11701-15030
	R714A	64-714-1	8	1~4	47.99	51.02	1.490	17.10	13041-16090 13041-13060
	T022A	65-022-1 65-022-2	2 2	3 3	— —	— —	2.490 2.490	— —	11011-15020 11011-15010
1AZ-FSE 2001/8~ G4×1998CC RAV4 YARIS CARDINA 2AZ-FE 2002/4~ G4×2362CC CAMRY HARRIER ESTIMA	M724A	63-724-1 63-724-2	5 5	1~5 1~5	54.99 54.99	59.02 59.02	1.996 1.996	17.00 17.00	11711-28021 11711-28020 11711-28010 11721-28021 11721-28020 11721-28010
	R724A	64-724-1	8	1~4	47.99	51.02	1.488	15.60	13281-28011 13281-28010
	T724A	65-724-1	2	3	—	—	1.980	—	11791-28020
	C724A	62-724-1 62-724-(2)	1 1	1 2	35.97 35.97	40.03 40.03	2.004 2.004	22.60 23.60	11811-28010 11821-28010
	B724A	68-724-1	8	1~8	22.99	26.02	1.483	22.10	11911-28011
B 1972~84 D4×2977CC · 95×105 DYNA -BU10,12,15,20 30,35 COASTER -BB19 TOYOACE -BY30 LAND CRUISER -BJ40,43,45 LITEACE -BY30 2B 1977~82 D4×3168CC · 100×105 DYNA -BU31,36 COASTER -BB10,11 BLIZZARD -BJ40 LAND CRUISER -BJ41,44	M035A	63-035-1 63-035-(2) 63-035-(3)	8 1 1	1,2,4,5 3 3	69.98 69.98 69.98	75.02 75.02 75.02	2.490 2.490 2.490	26.90 33.93 33.93	11702-56010
	R035A	64-035-1	8	1~4	58.98	62.02	1.490	30.00	13041-56010 13202-56010
	C035L	62-035-1 63-035-2 63-035-3	1 1 1	1 2 3	47.16 46.96 46.76	51.06 51.06 51.06	1.885 2.015 2.115	24.00 20.00 24.00	11802-56011 11802-56010
	P035H	67-035-1	4	1~4	29.00	33.03	2.030	32.00	90999-73131 90999-73121 90999-73065
	P035HS	67-035-1S	4	1~4	—	—	—	—	90999-73131/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
B 1984~88/8 D4×2977CC · 95×105 DYNA COASTER LAND CRUISER	M040A	63-035-1	5	1~5	69.98	75.02	2.490	26.90	11701-56030 11701-56020 11701-56010
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	R035A	65-035-1	8	1~4	58.98	62.02	1.490	30.00	13041-56010 13202-56010
	T040A	65-040-1	2	3	—	—	2.480	—	11011-56020 11011-56010
		65-040-2	2	3	—	—	2.480	—	
	C040L (84/8-86/6)	62-040-1	1	1	53.45	56.53	1.505	20.00	11802-56020
		62-040-2	1	2	53.20	56.28	1.505	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	C028L (86/6-88/8)	62-048-1	1	1	53.45	57.58	2.005	20.00	11802-56021
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	P035H	67-035-1	4	1~4	29.00	33.14	2.030	32.00	90999-73131 99099-73121 90999-73065
	P035HS	67-035-1S	4	1~4	—	—	—	—	90999-73131/NB
B 1988/9~ D4×2977CC · 95×105 DYNA COASTER LAND CRUISER	M040A	63-035-1	5	1~5	69.98	75.02	2.490	26.90	11701-56030 11701-56020 11701-56010
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	R028A	64-028-1	8	1~4	58.98	62.02	1.490	30.00	13041-56030 13041-56020
	T040A	65-040-1	2	3	—	—	2.480	—	11011-56020 11011-56010
		65-040-2	2	3	—	—	2.480	—	
	C048L	62-048-1	1	1	53.45	57.58	2.005	20.00	11802-56030
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-048-3	1	3	52.95	57.03	2.005	20.00	
		62-048-4	1	4	52.70	57.03	2.130	20.00	
		62-048-5	1	5	52.45	57.28	2.380	20.00	
	P035H	67-035-1	4	1~4	29.00	33.14	2.030	32.00	90999-73131 90999-73121 90999-73065
	P035HS	67-035-1S	4	1~4	—	—	—	—	90999-73131/NB
3B 1980~84/6 D4×3431CC · 102×105 DYNA -BU36 COASTER -BB20 LAND CRUISER -BJ60 (DAIHATSU) DELTA -V48 (HINO) RANGER -HV48	M035A	63-035-1	8	1,2,4,5	69.98	75.02	2.490	26.90	11702-56010
		63-035-(2)	1	3	69.98	75.02	2.490	33.93	
		63-035-(3)	1	3	69.98	75.02	2.490	33.93	
	R040A	64-040-1	8	1~4	60.98	64.02	1.490	30.00	13041-58010 13202-58010
	C035L	62-035-1	1	1	47.16	51.06	1.885	24.00	11802-56011 11802-56010
		62-035-2	1	2	46.96	51.06	2.015	20.00	
		62-035-3	1	3	46.76	51.06	2.115	24.00	
	P040H	67-040-1	4	1~4	32.00	36.03	2.030	32.00	90999-73132 90999-73088
	P040HS	67-040-1S	4	1~4	—	—	—	—	90999-73132/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POS- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
11B 1984/9~86/6 D4×2977CC · 95×105 13B 1984/9~86/6 D4×3431CC · 102×105	M040A	63-035-1	5	1~5	69.98	75.02	2.490	26.90	11701-56022 11701-56021 11701-56020 11701-56010
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	R040A	64-040-1	8	1~4	60.98	64.02	1.490	30.00	13041-58010 13202-58010
	T040A	65-040-1	2	3	—	—	2.480	—	11011-56020 11011-56010
		65-040-2	2	3	—	—	2.480	—	
	C040L	62-040-1	1	1	53.45	56.53	1.505	20.00	11802-56020
		62-040-2	1	2	53.20	56.28	1.505	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	P028H	67-082-1	4	1~4	34.00	38.01	2.030	36.00	90999-73099
	P028HS	67-028-1S	4	1~4	—	—	—	—	90999-73133/NB
3B 1984/9~88/8 D4×3431CC · 102×105 11B 1986~88/8 D4×2977CC · 95×105 13B 1986~88/8 G4×3431CC · 102×105 13B-T 1984~88/4	M040A	63-035-1	5	1~5	69.98	75.02	2.490	26.90	11701-56021 11701-56020 11701-56010
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	R040A	64-040-1	8	1~4	60.98	64.02	1.490	30.00	13041-58010 13202-58010
	T040A	65-040-1	2	3	—	—	2.480	—	11011-56020 11011-56010
		65-040-2	2	3	—	—	2.480	—	
	C040L (84/9-86/6)	62-040-1	1	1	53.45	56.53	1.505	20.00	11802-56020
		62-040-2	1	2	53.20	56.28	1.505	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	C028L (86/6-88/6)	62-048-1	1	1	53.45	57.58	2.005	20.00	11802-56021
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	P040H (FOR 3B 13B-T 84/8-88/8)	67-040-1	4	1~4	32.00	36.03	2.030	32.00	90999-73132 90999-73088
	P040HS	67-040-1S	4	1~4	—	—	—	—	90999-73132/NB
3B 1988~ D4×3431CC · 102×105 11B 1988~ D4×2977CC · 95×105 14B 1988~ D4×3660CC · 102×112 15B 1993/1~99/7 D4×4104CC · 108×112 COASTER	M040A	63-035-1	5	1~5	69.98	75.02	2.490	26.90	11701-56021 11701-56020 11701-56010
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	R048A1	64-048-1	8	1~4	61.00	64.02	1.490	29.00	13041-58032 13041-58031 13041-58020 13041-56040
	T040A	65-040-1	2	3	—	—	2.480	—	11011-56020 11011-56010
		65-040-2	2	3	—	—	2.480	—	
	C048L	62-048-1	1	1	53.45	57.58	2.005	20.00	11802-56030
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-048-3	1	3	52.95	57.03	2.005	20.00	
		62-048-4	1	4	52.70	57.03	2.130	20.00	
		62-048-5	1	5	52.45	57.28	2.380	20.00	
	P048H	67-048-1	4	1~4	32.00	36.03	2.030	25.00	90999-73124 90999-73116
		67-048(L)	—	—	—	—	—	33.00	
	P048HS	67-048-1S	4	1~4	—	—	—	—	90999-73134/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
13B-T 1988~90/1 D4×3431CC · 102×105 14B-T 1989/10~ D4×3660CC · 102×112	M040A	63-035-1	5	1~5	69.98	75.02	2.490	26.90	11701-56022 11701-56021 11701-56020 11701-56010
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	R048A1	64-048-1	8	1~4	61.00	64.02	1.490	29.00	13041-58032 13041-58031 13041-58020 13041-56040
	T040A	65-040-1	2	3	—	—	2.480	—	11011-56020 11011-56010
		65-040-2	2	3	—	—	2.480	—	
	C028L	62-048-1	1	1	53.45	57.58	2.005	20.00	11802-56021
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	C048L	62-048-1	1	1	53.45	57.58	2.005	20.00	11802-56030
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-048-3	1	3	52.95	57.03	2.005	20.00	
		62-048-4	1	4	52.70	57.03	2.130	20.00	
		62-048-5	1	5	52.45	57.28	2.380	20.00	
	P040H (FOR 13B-T)	67-040-1	4	1~4	32.00	36.03	2.030	32.00	90999-73132 90999-73088
	P040HS	67-040-1S	4	1~4	—	—	—	—	90999-73132/NB
1C 1982/1~85 D4×1839CC · 83×85 CORONA -CT140 CARINA -CA67 SPRINTER -CE70 1C-T 1982/1~85 D4×1839CC · 83×85 2C 1982/11~85 D4×1974CC · 86×85	M038A	63-038-1	5	1~5	56.99	61.02	1.983	22.00	11701-64030 11701-64010
		63-038-2	5	1~5	56.99	61.02	1.983	22.00	
	R038A	64-038-1	8	1~4	50.49	53.52	1.478	23.70	13041-64031 13041-64030 13041-64010
	T038A	65-038-1	2	3	—	—	2.730	—	11011-64010
		65-038-2	2	3	—	—	2.730	—	
	P038H	67-038-1	4	1~4	27.00	30.03	1.530	28.00	90999-73101 90999-73091
	P038HS	67-038-1S	4	1~4	—	—	—	—	90999-73101/NB
1C 1985/5~90/8 D4×1839CC · 83×85 CORONA -CT147 CAMRY -CV10 2C 1985~90/8 D4×1974CC · 86×85	M045A	63-045-1	5	1~5	56.99	61.02	1.983	20.00	11701-64050
		63-045-2	5	1~5	56.99	61.02	1.983	20.00	
	R045A	64-045-1	8	1~4	50.49	53.52	1.478	18.90	13041-64050 13041-76018 13041-76019 13041-76020
	T038A	65-038-1	2	3	—	—	2.730	—	
		65-038-2	2	3	—	—	2.730	—	
	P045H	67-045-1	4	1~4	27.00	30.03	1.530	20.00	90999-73138 90999-73102
		67-045-(L)	—	—	—	—	—	28.00	
	P045HS	67-045-1S	4	1~4	—	—	—	—	90999-73138/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1C 1990~93 D4×1839CC · 83×85 2C 1990~ D4×1974CC · 86×85 3C 1990~ D4×2184CC · 86×94	M717A	63-717-1	5	1~5	56.98	61.02	1.983	22.00	11701-27012 11701-27011 11701-64071 11701-64070 11701-64040
		63-717-2	5	1~5	56.98	61.02	1.983	22.00	
	R717A (UP TO '96)	64-717-1	8	1~4	50.49	53.52	1.478	23.10	13041-64071 13041-64070 13041-64041
	R718A (AFTER '96)	64-718-1	8	1~4	50.49	53.52	1.482	23.10	13041-64072
	T038A	65-038-1	2	3	—	—	2.730	—	11011-64010
		65-038-2	2	3	—	—	2.730	—	
	P045H	67-045-1	4	1~4	27.00	30.03	1.530	20.00	90999-73138 90999-73102
		67-045-(L)	—	—	—	—	—	28.00	
	P045HS	67-045-1S	4	1~4	—	—	—	—	90999-73138/NB
D 1959~64 D6×5890CC · 100×125 TRUCK -DC80,DA100 2D 1959~64 D6×6494CC · 105×125 TRUCK -DA100,DA115	M033H	63-030-1	12	1,2,3,5,6,7	74.97	81.06	2.998	34.00	11701-76010
		63-033-(1)	2	4	74.97	81.06	2.998	54.92	
	R030H	64-030-1	12	1~6	61.97	66.06	2.005	31.00	13202-77020 13202-77010 13202-76007
	C030P	62-033-1	1	1	53.94	60.06	3.030	35.50	11801-79010 11801-76010
		62-033-2	2	2,3	51.94	60.06	4.030	26.00	
		62-033-3	1	4	49.95	60.06	5.030	27.00	
	P030P	67-030-1	6	1~6	34.11	40.15	3.300	37.00	90999-70005 90999-70004
D 1964~74 D6×5890CC · 100×125 TRUCK -DC100,DC80 2D 1964~74 D6×6494CC · 105×125 TRUCK -DA100,DA115 BUS -DB90,DR10,11 FORKLIFT -FD100,150	M030H	63-030-1	12	1,2,3,5,6,7	74.97	81.06	2.998	34.00	11702-77010 11701-76020 11702-76011
		63-030-3	2	4	74.97	81.06	2.998	49.10	
	R030H (AFTER '76)	64-030-1	12	1~6	61.97	66.06	2.005	31.00	13202-77020 13202-77010 13202-76007
	T030A	65-030-1	2	4	—	—	2.980	—	11011-76010 11011-76009
		65-030-2	2	4	—	—	2.980	—	
	C030P	62-033-1	1	1	53.94	60.06	3.030	35.50	11801-79010 11801-76010
		62-033-2	2	2,3	51.94	60.06	4.030	26.00	
		62-033-3	1	4	49.95	60.06	5.030	27.00	
	P030P	67-030-1	6	1~6	34.11	40.15	3.300	37.00	90999-70005 90999-70004
2D 1977~ D6×6494CC · 105×125 TRUCK -DA100,120 BUS -DR10,11,15	M030H	63-030-1	12	1,2,3,5,6,7	74.97	81.06	2.998	34.00	11702-77010 11701-76020 11702-76011
		63-030-3	2	4	74.97	81.06	2.998	49.10	
	R030H	64-030-1	12	1~6	61.97	66.06	2.005	31.00	13202-77020 13202-77010 13202-76007
	T030A	65-030-1	2	4	—	—	2.980	—	11011-76010 11011-76009
		65-030-2	2	4	—	—	2.980	—	
	C030L	62-030-1	1	1	55.14	60.04	2.400	31.00	11802-77010 11802-76012
		62-030-2	2	2,3	54.94	60.04	2.500	26.00	
		62-030-3	1	4	54.74	60.04	2.600	27.00	
	P030H	67-033-1	6	1~6	34.00	38.03	2.010	36.90	90999-73081 90999-73080

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1DZ 1990~ D4×2486CC · 86×107 FORKLIFT	M713A	63-713-1	5	1~5	64.99	69.02	1.983	16.30	11701-78200 11701-78201 11701-78202
		63-713-2	5	1~5	64.99	69.02	1.983	16.30	
	R713A	64-713-1	8	1~4	50.48	53.52	1.478	20.40	
	T712A (UP TO '98)	65-712-1	2	—	—	—	2.980	—	11011-78200
		65-712-2	2	—	—	—	2.980	—	
	T713A (AFTER '98)	65-713-1	2	—	—	—	1.980	—	11011-78201
		62-713-2	2	—	—	—	1.980	—	
	C713A	62-713-1	1	1	47.16	51.03	1.900	23.00	11802-78202 11802-78201 11802-78200
		62-713-2	1	2	46.96	50.83	1.900	20.00	
		62-713-3	1	3	46.76	51.03	2.100	20.00	
	P713H	67-713-1	4	1~4	27.00	30.03	1.530	27.30	90999-73950
1E 1985~ G4×999CC · 70.5×64 2E 1985~ G4×1295CC · 73×77.4 STARLET -EP71 TERCEL -EL80 4E 1991~ G4×1331CC · 74×77.4 STARLET -EP82,85 TERCEL -EL41	M025A	63-025-1	5	1~5	46.99	51.04	1.999	16.10	11701-10012 11701-10011 11701-10010
		63-025-2	5	1~5	46.99	51.04	1.999	16.10	
	R025A	64-025-1	8	1~4	39.99	43.02	1.491	15.10	
	T025A	65-025-1	2	3	—	—	2.490	—	11011-10010 11011-10011 11011-10020
		65-025-2	2	3	—	—	2.490	—	
3E 1985~ G4×1456CC · 73×87 TERCEL -EL31 5E, 5E-FE 1991~ G4×1496CC · 74×87 COROLLA II -EL43,45 TERCEL -EL43,45 CYNOS -EL44	M027A1	63-027-1	5	1~5	49.99	54.04	2.000	16.10	11701-11012 11701-11011 11701-11010
		63-027-2	5	1~5	49.99	54.04	2.000	16.10	
	R027H	64-027-1	8	1~4	42.99	46.02	1.492	15.10	
	T027A	65-002-1	2	3	—	—	2.480	—	11011-11020
		65-027-2	2	3	—	—	2.480	—	
F 1954~73 G6×3878CC · 90×101.6 TRUCK -FA100,110,115 LAND CRUISER-FJ40,43,45,55 DYNA -FC10 BUS -FB100	M031A	63-031-1	1	1	67.00	72.02	2.490	32.00	11702-60012 11702-60010
		63-031-2	1	1	67.00	72.02	2.490	32.00	
		63-031-3	1	2	68.50	73.52	2.490	30.00	
		63-031-4	1	2	68.50	73.52	2.490	30.00	
		63-031-(5)	1	3	70.00	75.02	2.490	35.94	
		63-031-(6)	1	3	70.00	75.02	2.490	35.94	
		63-031-7	1	4	71.50	76.52	2.490	40.00	
		63-031-8	1	4	71.50	76.52	2.490	40.00	
	R031A	64-031-1	12	1~6	54.00	56.82	1.390	32.85	13202-60011 13202-60010 13202-76006
	C031L	62-031-1	1	1	47.97	52.00	2.010	29.00	
		62-031-2	1	2	46.47	50.50	2.010	24.00	
		62-031-3	1	3	44.97	49.00	2.010	24.00	
		62-031-4	1	4	43.47	47.50	2.010	25.00	

TOYOTA

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
F 1973～75 G6×3878CC・90×101.6 TRUCK－FA100,110,115 LAND CRUISER－FJ40,55 DYNA－FC10 2F 1973～75 G6×4230CC・94×101.6 TRUCK－FA101 LAND CRUISER－FJ56	M036A	63-036-1	1	1	66.98	72.03	2.497	32.15	11702-60013 11702-76009	
		63-036-2	1	1	66.98	72.03	2.497	32.15		
		63-036-3	2	2	68.48	73.53	2.497	30.15		
		63-036-(4)	2	3	69.98	75.03	2.497	35.94		
		63-036-5	1	4	71.48	76.53	2.497	40.15		
		63-036-6	1	4	71.48	76.53	2.497	40.15		
	R031A	64-031-1	12	1～6	54.00	56.82	1.390	32.85	13202-60011 13202-60010 13202-76006	
		C031L	62-031-1	1	1	47.97	52.00	2.010		29.00
	62-031-2		1	2	46.47	50.50	2.010	24.00		
	62-031-3		1	3	44.97	49.00	2.010	24.00		
	62-031-4		1	4	43.47	47.50	2.010	25.00		
	3F 1985～ G6×3995CC・94×95 LAND CRUISER－FJ75	M044A	63-036-1	1	1	66.98	72.03	2.497	32.15	11701-61010 11701-76001
63-036-2			1	1	66.98	72.03	2.497	32.15		
63-036-3			2	2	68.48	73.53	2.497	30.15		
63-044-4			2	3	69.98	75.03	2.497	28.15		
63-044-5			1	4	71.48	76.53	2.497	40.15		
63-044-6			1	4	71.48	76.53	2.497	40.15		
R044A		64-044-1	12	1～6	52.99	56.02	1.490	22.00	13041-35020 13041-76006	
		T044A	65-044-1	2	3	—	—	2.480		—
65-044-2			2	3	—	—	2.480	—		
C031A		62-036-1	1	1	47.97	52.00	2.000	29.00	11802-61011 11802-61010 11802-76009	
		62-036-2	1	2	46.47	50.50	2.000	24.00		
		62-036-3	1	3	44.97	49.00	2.000	24.00		
		62-036-4	1	4	43.47	47.50	2.000	23.00		
P044H		67-010-1	6	1～6	22.02	24.05	1.030	28.00	90999-73072	
P044HS		67-010-1S	6	1～6	—	—	—	—	90999-73072/NB	
1FZ-FE 1990～ G6×4476CC・100×95 LAND CRUISER－FZJ80 FORKLIFT		M708A1	63-708-1	7	1～7	68.98	74.04	2.501	23.40	11701-66031 11701-66030 11701-66021 11701-66020
	63-708-2		7	1～7	68.98	74.04	2.501	23.40		
	R708A	64-708-1	12	1～6	56.98	60.54	1.745	21.40	13041-66030 13041-66020	
	T708A	65-708-1	2	2	—	—	2.490	—		11011-66020
		65-708-2	2	2	—	—	2.490	—		
	P708H	67-708-1	6	1～6	26.00	28.03	1.025	28.00	90999-73135	
1G-E, 1G-G, 1G-GT 1980～85/3 G6×1988CC・75×75 CRESSIDA－GX60,61,50,51 CROWN－GS110,117 CELICA－GA61 SOARER－GZ10	M021A	63-021-1	7	1～7	54.98	59.04	2.000	19.20	11701-88300 11701-70012 11701-70011	
		63-021-2	7	1～7	54.98	59.04	2.000	19.20		
	R021A	64-021-1	12	1～6	41.98	45.02	1.492	18.90	13041-70010 13041-88300	
	T021A	65-021-1	2	4	—	—	1.990	—		11011-70010
		65-021-2	2	4	—	—	1.990	—		
	P047H	67-002-1	6	1～6	18.00	20.02	1.030	25.00	90999-73070 90999-73060	
	P021H	67-021-1	6	1～6	20.00	22.03	1.030	25.00		99099-73107

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
1G-FE 1985/3～88 G6×1988CC・75×75 CRESSIDA-GX71 CROWN -GS130,131 CELICA -GA70 SOARER -GZ20	M047A (UP TO'98)	63-021-1	6	1,2,3,5,6,7	54.98	59.04	2.000	19.20	11701-88360	
		63-021-2	6	1,2,3,5,6,7	54.98	59.04	2.000	19.20	11701-70022	
		63-047-3	1	4	54.98	59.04	2.000	22.20	11701-70013	
		63-047-4	1	4	54.98	59.04	2.000	22.20	11701-70021	
										11701-70012
										11701-70011
										11701-63021
										11701-70020
										11701-70010
R021A (UP TO'88)	64-021-1	12	1～6	41.98	45.02	1.492	18.90	13041-13040		
									13041-70010	
									13041-88300	
T021A	65-021-1	2	4	—	—	1.990	—	—	11011-70010	
	65-021-2	2	4	—	—	1.990	—			
1G-FE 1988/5～ G6×1988CC・75×75 CROWN -GS151	M743A (AFTER '98)	63-743-1	6	1,2,3,5,6,7	54.98	59.04	2.006	18.40	11701-70024	
		63-743-2	6	1,2,3,5,6,7	54.98	59.04	2.006	18.40	11701-70015	
		63-743-3	1	4	54.98	59.04	2.006	22.20		
		63-743-4	1	4	54.98	59.04	2.006	22.20		
	R047A (AFTER '88)	64-047-1	12	1～6	43.99	47.02	1.492	17.16	13041-70021	
									13041-70020	
	1GR-FE 2005～ GV6×3.955CC・94.0×95.0 LAND CRUISER PRADO -GRJ120W/121W HILUX SURF -GRN215W FJ CRUISER -GSJ15W HILUX TACOMA TUNDRA FORTUNER	M736A	63-736-1	2	1,4	72.01	77.02	2.491	20.00	11701-31080
			63-736-2	2	1,4	72.01	77.02	2.491	20.00	11071-31050
			63-736-3	2	2,3	72.01	77.02	2.491	17.40	
63-736-4			2	2,3	72.01	77.02	2.491	17.40		
R736A		64-736-1	12	1～6	56.01	59.02	1.487	14.60	13041-31090	
T736A (UP TO '09/2)		65-736-1	2	2	—	—	1.980	—	11011-31040	
		65-736-2	2	2	—	—	1.980	—		
T737A (AFTER '09/3)		65-737-1	2	2	—	—	1.980	—	11011-31071	
	65-737-2	2	2	—	—	1.980	—			
2GR-FSE 2005～ GV6×3.456CC・94.0×83.0 CROWN(ATHLETE) -GRS184・204 CROWN(HYBRID) -GWS204 IS350 -GSE21 GS350 -GRS191 GS450h -GWS191 MARK X -GRX133	M738A	63-738-1	2	1,4	60.99	66.02	2.503	21.00	11701-31070	
		63-738-2	2	1,4	60.94	66.02	2.481	21.00	11701-31040	
		63-738-3	2	2,3	60.94	66.02	2.478	18.00		
		63-738-4	2	2,3	60.99	66.02	2.500	18.00		
	R738A	64-738-1	12	1～6	52.96	56.02	1.484	15.00	13041-31080	
	T738A	65-738-1	2	2	—	—	2.480	—	11011-31060	
	2GR-FE 2006～ GV6×3.456CC・94.0×83.0 ESTIMA -GSR50W ES350 -GSV40L BLADE -GSA33W MARK X ZIO -GGA10 ALPHARD -GGH20W RX350 -GGL15W VANGARD -GSA33W VELLFIRE -GGH20W RAV4 -GSA33L AVALON -GSX30 LOTUS EVORA	M739A	63-739-1	2	1,4	60.99	66.02	2.503	21.00	11701-31090
63-738-2			2	1,4	60.94	66.02	2.481	21.00	11071-31031	
63-739-3			2	2,3	60.95	66.02	2.481	18.00		
63-739-4			2	2,3	60.99	66.02	2.503	18.00		
R740A		64-740-1	12	1～6	52.96	56.02	1.484	15.00	13041-31070	
T738A		65-738-1	2	2	—	—	2.480	—	11011-31060	

TOYOTA

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
3GR 2005～ GV6×2.994CC・87.5×83.0 CROWN -GRS182 IS300 GS300	M740A	63-739-1	2	1,4	60.99	66.02	2.503	21.00	11701-31061 11701-31031		
		63-740-2	2	1,4	60.95	66.02	2.481	21.00			
		63-739-3	2	2,3	60.95	66.02	2.481	18.00			
		63-739-4	2	2,3	60.99	66.02	2.503	18.00			
	R740A	64-740-1	12	1～6	52.96	56.02	1.484	15.00	13041-31070		
	T738A	65-738-1	2	2	—	—	2.480	—	11011-31060		
4GR 2005～ GV6×2.499CC・83.0×77.0 CROWN -GRS182	M740A	63-739-1	2	1,4	60.99	66.02	2.503	21.00	11701-31061 11701-31031		
		63-740-2	2	1,4	60.95	66.02	2.481	21.00			
		63-739-3	2	2,3	60.95	66.02	2.481	18.00			
		63-739-4	2	2,3	60.99	66.02	2.503	18.00			
	R741A	64-741-1	12	1～6	47.97	51.02	1.487	15.00	13041-31060		
	T738A	65-738-1	2	2	—	—	2.480	—	11011-31060		
5GR 2005～ GV6×2.499CC・83.0×77.0 CROWN											
H 1969～80 D6×3576CC・88×98 DYNA -HU15,30 FORKLIFT -FD30 2H 1979～82/3 D6×3980CC・91×102 DYNA -HU26D COASTER -HB26D,50 FORKLIFT	M034A	63-032-1	12	1,2,3,5,6,7 4	69.98	74.03	1.985	22.60	11702-68020 11702-47012 11702-47011 11702-47010 11702-76005		
		63-034-3	2		69.98	74.03	1.985	29.60			
	R034A	64-032-1	12	1～6	54.98	58.02	1.485	25.60		13041-68020 13202-47011 13202-76004	
	T032A	65-032-1	2	3	—	—	2.980	—			11011-46020 11011-46010 11011-76006
		65-032-2	2	3	—	—	2.980	—			
	C032L	62-032-1	1	1	47.16	51.03	1.900	24.00	11802-46010		
		62-032-2	1	2	46.96	51.03	2.000	20.00			
		62-032-3	1	3	46.96	51.03	2.100	20.00			
		62-032-4	1	4	46.57	51.03	2.200	24.00			
	P034H	67-032-1	6	1～6	27.00	30.03	1.525	31.00	90999-73083 90999-73069 90999-70048		
	P034HS	67-032-1S	6	1～6	—	—	—	—	90999-73083/NB		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2H 1982/4~ D6×3980CC · 91×102 DYNA -HU26,50 COASTER -HB30,36 LAND CRUISER -HJ45 FORKLIFT	M034A	63-032-1	12	1,2,3,5,6,7	69.98	74.03	1.985	22.60	11702-68020 11702-47012 11702-47011 11702-47010 11702-76005
		63-034-3	2	4	69.98	74.03	1.985	29.60	
	R033A	64-033-1	12	1~6	54.98	58.02	1.485	25.60	13041-68050
	R034A	64-032-1	12	1~6	54.98	58.02	1.485	25.60	
									13041-68040 13041-68020 13202-47011 13041-76012
	T032A	65-032-1	2	3	—	—	2.980	—	11011-46020 11011-46010 11011-76006
		65-032-2	2	3	—	—	2.980	—	
	C034A	62-034-1	1	1	51.15	55.03	1.900	24.00	11802-68011 11802-68010 11802-76009
		62-034-2	1	2	50.95	55.03	2.000	20.00	
		62-034-3	1	3	50.75	55.03	2.100	20.00	
		62-034-4	1	4	50.55	55.03	2.200	24.00	
	P015H	67-015-1	6	1~6	29.00	33.03	2.030	31.00	90999-73087 90999-73087/NB
	P015HS	67-015-1S	6	1~6	—	—	—	—	
12H-T 1985/10~ D6×3980CC · 91×102 COASTER -HB30,31,36V LAND CRUISER -HJ60V	M034A	63-032-1	12	1,2,3,5,6,7	69.98	74.03	1.985	22.60	11701-68020 11071-68020 11702-68020
		63-034-3	2	4	69.98	74.03	1.985	29.60	
	R033A	64-033-1	12	1~6	54.98	58.02	1.485	25.60	13041-68050
	R034A	64-032-1	12	1~6	54.98	58.02	1.485	25.60	
									13041-68040 13041-68020 13202-47011
	T034A	65-034-1	2	4	—	—	2.980	—	11011-68020
		65-034-2	2	4	—	—	2.980	—	
	C034A	62-034-1	1	1	51.15	55.03	1.900	24.00	11802-68011 11802-68010
		62-034-2	1	2	50.95	55.03	2.000	20.00	
		62-034-3	1	3	50.75	55.03	2.100	20.00	
		62-034-4	1	4	50.55	55.03	2.200	24.00	
	P049H	67-049-1	6	1~6	32.00	36.03	2.030	31.00	90999-73108

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1HZ 1988~ D6×4163CC · 94×100 LAND CRUISER -HZJ7 COASTER -HZB41 1HD-T 1988~ D6×4164CC · 94×100 LAND CRUISER -80 COASTER -HDB51 1HD-FT 1989/10~ D6×4136CC · 94×100 LAND CRUISER -HDJ80 COASTER -HDB51	M707A	63-706-1	7	1~7	66.98	71.02	1.980	22.10	11701-17011 11701-17010
		63-706-2	7	1~7	66.98	71.02	1.980	22.10	
	R707A	64-706-1	12	1~6	58.98	62.03	1.487	23.60	13041-17011 13041-17010
	T706A	65-706-1	2	2	—	—	2.980	—	11011-17010
		65-706-2	2	2	—	—	2.980	—	
	C706A (FOR 1HZ,1HD-T)	62-706-1	2	1	34.97	38.04	1.504	29.00	11801-17010
	C709A (FOR 1HD-FT)	62-707-1	2		34.97	38.03	1.504	29.00	11801-17021 11801-17020
		62-707-2	12		27.98	31.03	1.495	20.00	
	P707H (FOR 1HZ)	67-706-1	6	1~6	29.00	32.03	1.530	27.20	90999-73126
	P707HS (FOR 1HZ)	67-706-1S	6	1~6	—	—	—	—	90999-73126/NB
	P709H (FOR 1HD-T)	67-709-1	6	1~6	33.00	36.03	1.530	22.50	90999-73137 90999-73127
		67-709-(L)	—	—	—	—	—	30.50	
	P709HS (FOR 1HD-T)	67-709-1S	6	1~6	—	—	—	—	90999-73127/NB
J 1965~69 D4×2366CC · 88×96 DYNA -JK170,171 FOEKLIFT -LN 2J 1965~70 D4×2481CC · 88×102 DYNA -JU10,12 TOYOACE -JY16	M032A	63-032-1	8	1,2,4,5	69.98	74.03	1.985	22.60	11702-48012 11702-48011 11702-48010 11702-46010 11702-76006
		63-034-3	2	3	69.98	74.03	1.985	29.60	
	R032A	64-032-1	8	1~4	54.98	58.02	1.485	25.60	13202-48010 13202-46010 13202-76005
	T032L	65-032-1	2	3	—	—	2.980	—	11011-46020 11011-40610 11011-76006
		65-032-2	2	3	—	—	2.980	—	
	C032L	62-032-1	1	1	47.16	51.03	1.900	24.00	11802-46010 11802-76005
		62-032-2	1	2	46.96	51.03	2.000	20.00	
		62-032-3	1	3	46.96	51.03	2.100	20.00	
		62-032-4	1	4	46.56	51.03	2.200	24.00	
	P032H	67-032-1	4	1~4	27.00	30.03	1.525	31.00	90999-73083 90999-73069 90999-70048
	P032HS	67-032-1S	4	1~4	—	—	—	—	90999-73083/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2J 1971~ D4×2481CC · 88×102 DYNA -JU10,12 TOYOACE -JY16,30 FORKLIFT -FD25,28,SKD8 SHOVEL -SD17	M032A	63-032-1 63-034-3	8 2	1,2,4,5 3	69.98 69.98	74.03 74.03	1.985 1.985	22.60 29.60	11702-48012 11702-48011 11702-48010 11702-46010 11702-76006 11702-76007 11702-76008
	R032A	64-032-1	8	1~4	54.98	58.02	1.485	25.60	13202-48010 13202-46010 13202-76005
	T032A	65-032-1 65-032-2	2 2	3 3	— —	— —	2.980 2.980	— —	11011-46020 11011-46010 11011-76006
	C032L1	62-032-1 62-032-2 62-032-3 62-032-5	1 1 1 1	1 2 3 4	47.16 46.96 46.96 46.56	51.03 51.03 51.03 51.03	1.900 2.000 2.100 2.200	24.00 20.00 20.00 24.00	11802-48010 11802-76006
	P032H	67-032-1	4	1~4	27.00	30.03	1.525	31.00	90999-73083 90999-73069 90999-70048
	P032HS	67-032-1S	4	1~4	—	—	—	—	90999-73083/NB
1JZ-GE, 1JZ-GTE 1991~ G6×2492CC · 86×71.5 SOARER -JZZ30 CROWN -JZS130G MARK II -JZX81,90,93 SUPRA -JZA70 2JZ-GE, 2JZ-GTE 1991~ G6×2997CC · 86×86 CROWN -JZS135,143,145 ARISTO -JZS147 SUPRA -JZA80	M702A	63-702-1 63-702-2 63-702-3 63-702-4	1 1 6 6	1 1 2~7 2~7	61.98 61.98 61.98 61.98	66.04 66.04 66.04 66.04	2.000 2.000 2.000 2.000	23.00 23.00 20.00 20.00	11701-46020 11071-46020 11701-46010 11071-46010
	R702H1	64-702-1	12	1~6	51.98	55.04	1.501	19.40	13041-46013 13041-46012 13041-46011 13041-46010
	T702A	65-702-1 65-702-2	2 2	— —	— —	— —	1.990 1.990	— —	11011-46030
	P702H	67-702-1	6	1~6	22.00	24.03	1.050	26.10	90999-73128
K 1966~70 G4×1077CC · 75×61 COROLLA -KE10,15,16 2K 1970~77 G4×933CC · 72×61 PUBLICA -KP30,36 STARLET -KP40,45,60	M002A	63-026-1	10	1~5	49.98	54.03	1.994	20.90	11702-22020 11702-22010
	R026A	64-021-1	8	1~4	41.98	45.02	1.492	18.90	13041-13040 13202-13010 13202-22010
	T022A	65-002-1 65-002-2	2 2	3 3	— —	— —	2.480 2.480	— —	11011-22011 11011-22010
	C002L1	62-002-1 62-002-2 62-002-3 62-002-4	1 1 1 1	1 2 3 4	43.21 42.95 42.70 42.46	48.03 47.53 47.03 46.53	2.385 2.260 2.135 2.010	18.00 18.00 18.00 18.00	11802-13020 11802-22011 11802-22010
	P002H	67-002-1	4	1~4	18.00	20.03	1.030	25.00	90999-73070 90999-73060 90999-70063
	P002HS	67-002-1S	4	1~4	—	—	—	—	90999-73070/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
3K, 3K-U, 3K-J 1970~83 G4×1166CC · 75×66 COROLLA -KE11,20,30,50 SPRINTER -KE17,20,25,40 STARLET -KP42,47,51,62 PUBLICA -KP31,37,38,50 LITEACE -KM10 TOWNACE -KP10 (DAIHATSU) CHARMANT -A10 CONSORTE -EP30,31,42,47 4K 1977~83 G4×1290CC · 75×73 COROLLA -KE55,71 SPRINTER -KE65,71 STARLET -KP61 LITEACE -KM10,20 TOWNACE -KR11,12	M002A	63-026-1	10	1~5	49.98	54.03	1.994	20.90	11702-22020 11702-22010
	R026A	64-021-1	8	1~4	41.98	45.02	1.492	18.90	13041-13040 13202-13010 13202-22010
	T002A	65-002-1	2	3	—	—	2.480	—	11011-22011
		65-002-2	2	3	—	—	2.480	—	11011-22010
	C002L1	62-002-1	1	1	43.21	48.03	2.385	18.00	11011-76001
		62-002-2	1	2	42.95	47.53	2.260	18.00	11011-22010
		62-002-3	1	3	42.70	47.03	2.135	18.00	11802-13020
		62-002-4	1	4	42.46	46.53	2.010	18.00	11802-22011 11802-22010
	P002H	67-002-1	4	1~4	18.00	20.03	1.030	25.00	90999-73070 90999-73060 90999-70063
	P002HS	67-002-1S	4	1~4	—	—	—	—	90999-73070/NB
2K 1983~ G4×993CC · 72×61 STARLET -KP60X 3K 1983~ G4×1166CC · 75×66 TOWNACE -KR10 COROLLA -KE35,36 4K 1983~ G4×1290CC · 75×73 COROLLA -KE55,70,73 LITEACE -KM10,20 5K 1984~95 G4×1486CC · 80.5×73 CARINA -KA67V COROLLA -KT147V,KE74V FORKLIFT	M026A	63-026-1 63-026-2	5 5	1~5 1~5	49.98 49.98	54.03 54.03	1.994 1.994	20.90 20.90	11701-13012 11701-13010 11701-13011 11701-76001
	R026A	64-021-1	8	1~4	41.98	45.02	1.492	18.90	13041-13040 13041-76001
	T002A	65-002-1	2	3	—	—	2.480	—	11011-22011
		65-002-2	2	3	—	—	2.480	—	11011-76001 11011-22010
	C002L1	62-002-1	1	1	43.21	48.03	2.385	18.00	11802-13020
		62-002-2	1	2	42.95	47.53	2.260	18.00	11802-22011
		62-002-3	1	3	42.70	47.03	2.135	18.00	11802-22010
		62-002-4	1	4	42.46	46.53	2.010	18.00	11802-76001
	P002H	67-002-1	4	1~4	18.00	20.03	1.030	25.00	90999-73070 90999-73060 90999-70063
	P002HS	67-002-1S	4	1~4	—	—	—	—	90999-73070/NB
7K 1992/6~ G4×1781CC · 81×85.5 TOWNACE -KR42V	M026A	63-026-1 63-026-2	5 5	1~5 1~5	49.98 49.98	54.03 54.03	1.994 1.994	20.90 20.90	11701-13012 11701-13010 11701-13011 11701-76001
	R714A	64-714-1	8	1~4	47.99	51.02	1.490	17.10	13041-16090 13041-13060
	T027A	65-002-1	2	3	—	—	2.480	—	11011-11020
		65-027-2	2	3	—	—	2.480	—	11011-11010
	C002L1	62-002-1	1	1	43.21	48.03	2.385	18.00	11802-13020
		62-002-2	1	2	42.95	47.53	2.260	18.00	11802-22011
		62-002-3	1	3	42.70	47.03	2.135	18.00	11802-22010
		62-002-4	1	4	42.46	46.53	2.010	18.00	11802-76001

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1KD 2000/7~ D4×2982CC · 96×103 HIACE -KDH2 LAND CRUISER -KDJ9 HILUXSURF -KDN1 2KD 2004/8~ D4×2494CC · 96×93.8 HIACE -KDH2	M720A1	63-720-1	5	1~5	69.98	75.02	2.482	23.80	11701-30020 11701-67021
		63-720-2	5	1~5	69.98	75.02	2.482	23.80	
	R720A1	64-720-1	8	1~4	58.98	62.03	1.489	24.60	13041-30020 13041-67031
	T720A	65-720-1	2	—	—	—	2.480	—	11011-30010
		65-720-2	2	—	—	—	2.480	—	
	P720H (FOR 1KD)	67-720-1	4	1~4	33.99	37.03	1.530	22.50	90999-73156
	P731H (FOR 2KD)	67-731-1	4	1~4	34.00	37.03	1.530	21.80	90999-73157
1KR 2006~ G3×996CC · 71×83.9 PASSO BOON VITZ AIGO IQ PEUGEOT 107 CITROEN C1	M735A	63-735-1	4	1~4	43.99	48.02	1.997	14.90	11701-40040
		63-735-2	4	1~4	43.99	48.02	1.997	14.90	
	R735A	64-735-1	6	1~4	40.00	43.02	1.495	13.60	13041-40030
	T735A	65-735-1	2	3	—	—	1.990	—	11791-40020
1KZ 1993~ D4×2982CC · 96×103 HIACE -KZH106 LAND CRUISER -KZJ78,71 HILUXSURF -KZN130	M720A1	63-720-1	5	1~5	69.98	75.02	2.482	23.80	11701-67021 11701-67020
		63-720-2	5	1~5	69.98	75.02	2.482	23.80	
	R720A1	64-720-1	8	1~4	58.98	62.03	1.489	24.60	13041-67031 13041-67030
	T720A	65-720-1	2	—	—	—	2.480	—	11011-67020
		65-720-2	2	—	—	—	2.480	—	
	P720H	67-720-1 67-720-(L)	4 —	1~4 —	33.99 —	37.03 —	1.530 —	22.50 31.80	90999-73136
L 1978~83 D4×2188CC · 90×86 CROWN -LS100,107,117 CRESSIDA -LX40,60,67 CORONA -LT147 HIACE -LH20,24,30,40 HILUX -LN40,46 TOYOACE -LT20 BRIZZARD -LD10 2L 1982~83 D4×2446CC · 92×92	M037A	63-037-1	10	1~5	61.99	66.02	1.983	27.60	11702-54010
	R037A	64-037-1	8	1~4	52.99	56.02	1.486	26.00	13041-54012 13041-54011 13041-54010 13202-54010
	T037A	65-037-1	2	3	—	—	2.480	—	
		65-037-2	2	3	—	—	2.480	—	
	C037A	62-037-1 62-037-(2)	5 1	1~3 1	35.00 35.00	38.04 38.04	1.504 1.504	20.13 28.03	11011-54020 11011-54010
	P032H	67-032-1	4	1~4	27.00	30.03	1.530	31.00	11802-54010
	P032HS								90999-73083 90999-73069 90999-73117
	P032HS	67-032-1S	4	1~4	—	—	—	—	90999-73083/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
L 1984~01 D4×2188CC · 90×86 CROWN -LS117V CRESSIDA -LX67V HIACE HILUX 2L 1983~88 D4×2446CC · 92×92 CROWN -LS126V CRESSIDA -LX70 HIACE -LH61G,61V,71B HILUX -LN66,60V BLIZZARD -LD20	M042A1	63-037-1 63-042-2	5 5	1~5 1~5	61.99 61.99	66.02 66.02	1.983 1.983	27.60 27.60	11701-54081 11701-54080 11701-54061 11701-54060
	R037A	64-037-1	8	1~4	52.99	56.02	1.486	26.00	13041-54013 13041-54012 13041-54011 13202-54010
	T037A	65-037-1 65-037-2	2 2	3 3	— —	— —	2.480 2.480	— —	11011-54020 11011-54010
	C037A	62-037-1 62-037(2)	5 1	1~3 1	35.00 35.00	38.04 38.04	1.504 1.504	20.13 28.03	11802-54010
	P032H	67-032-1	4	1~4	27.00	30.03	1.530	31.00	90999-73083 90999-73069 90999-73117
	P032HS	67-032-1S	4	1~4	—	—	—	—	90999-73083/NB
	M039A	63-037-1 63-039-2	5 5	1~5 1~5	61.99 61.98	66.02 66.02	1.983 1.983	27.60 27.60	110701-54040
	R039A	64-039-1	8	1~4	54.98	58.02	1.485	26.00	13041-54042 13041-54041 13041-54040
	T037A	65-037-1 65-037-2	2 2	3 3	— —	— —	2.480 2.480	— —	11011-54020 11011-54010
2L 2L-T 1981~83 D4×2446CC · 92×92 CROWN -LS111 CRESSIDA -LX65 TOYOACE -LY31 HILUX -LY31	C037A	62-037-1 62-037-(2)	5 1	1~3 1	35.00 35.00	38.04 38.04	1.504 1.504	20.13 28.03	11802-54010
	P039H	67-039-1	4	1~4	29.00	32.03	1.530	31.00	90999-73118 90999-73094
	P039HS	67-039-1S	4	1~4	—	—	—	—	90999-73118/NB
2L-T 1983~88 D4×2446CC · 92×92 CROWN -LS130 HILUX -LN65,56	M042A1	63-037-1 63-042-2	5 5	1~5 1~5	61.99 61.99	66.02 66.02	1.983 1.983	27.60 27.60	11701-54081 11701-54080 11701-54061 11701-54060
	R039A	64-039-1	8	1~4	54.98	58.02	1.485	26.00	13041-54042 13041-54041 13041-54040
	T037A	65-037-1 65-037-2	2 2	3 3	— —	— —	2.480 2.480	— —	11011-54020 11011-54010
	C037A	62-037-1 62-037-(2)	5 1	1~3 1	35.00 35.00	38.04 38.04	1.504 1.504	20.13 28.03	11802-54010
	P039H	67-039-1	4	1~4	29.00	32.03	1.530	31.00	90999-73118 90999-73094
	P039HS	67-039-1S	4	1~4	—	—	—	—	90999-73118/NB

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
L 1988～ D4×2188CC・90×86 2L, 2L-T 1988～ D4×2446CC・92×92 HIACE　　-LH80,90 HILUX　　-LN85 3L 1988～ D4×2779CC・96×96 TOYOACE -LY61 HILUX　　-LN107 5L D4×2985CC・99.5×96.0 HILUX HIACE	M042A1	63-037-1	5	1～5	61.99	66.02	1.983	27.60	11701-54081 11701-54080 11701-54061 11701-54060	
		63-042-2	5	1～5	61.99	66.02	1.983	27.60		
	R037A (FORL,2L)	64-037-1	8	1～4	52.99	56.02	1.486	26.00	13041-54024 13041-54013 13041-54012	
		R039A (FOR2L-T,3L,5L)	64-039-1	8	1～4	54.98	58.02	1.485		26.00
	T037A		65-037-1	2	3	—	—	2.480	—	11011-54020 11011-54010
		65-037-2	2	3	—	—	2.480	—		
	C042A	62-042-(1)	2	3	34.96	38.04	1.504	32.63	11802-54021 11802-54020	
		62-042-2	8	1,2,4,5	27.99	31.04	1.504	17.50		
		P042H (FORL,2L)	67-042-1	4	1～4	27.00	30.03	1.530	23.00	90999-73114
			67-042-(L)	—	—	—	—	—	31.00	
		P042HS (FORL,2L)	67-042-1S	4	1～4	—	—	—	—	90999-73114/NB
			P037H (FOR2L-T,3L,5L)	67-037-1	4	1～4	29.00	32.03	1.530	
	67-037-(L)	—		—	—	—	—	31.00		
	P037HS (FOR2L-T,3L,5L)	67-037-1S	4	1～4	—	—	—	—	90999-73115/NB	
M 1965～76 G6×1988CC・75×75 CROWN　　-MS41,46,50,51 52,56,60,62 66,70,80,82 87,90 CRESSIDA -MX20,27,30,35 2M 1967～72 G6×2253CC・74.9×85.1 CROWN　　-MS53,55 CRESSIDA -MX12,22,28 4M 1972～76 G6×2563CC・88×85 CROWN　　-MS63,75,85,95 CRESSIDA -MX13,23,29	M005H	63-005-1	7	1～7	60.00	64.04	1.998	22.13	11702-45011 11702-45010 11702-41010	
		63-005-2	7	1～7	60.00	64.04	1.998	22.13		
	R005H	64-005-1	12	1～6	51.97	55.05	1.499	20.00	13202-45011 13202-45010 13202-43010 13202-41010	
		T001H	65-001-1	2	2	—	—	2.975		—
	C009L		65-001-2	2	2	—	—	2.975		
	62-009-1	7	1～4	34.99	38.04	1.509	20.13	11802-41010		
		62-009-(2)	1	1	34.99	38.04	1.509		28.04	
	PC005L	66-005-1	1	1	40.97	45.00	2.020	16.50	11022-41010	
		66-005-2	1	2	32.97	36.98	2.020	16.50		
	P005H	67-005-1	6	1～6	22.00	24.03	1.030	25.00	90999-73066	

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
M 1974~84 G6×1988CC · 75×75 CROWN -MS100,105,117 CRESSIDA-MX40,41,45 CELICA -MA45 SOARER -MZ10 3M 1968~70 G6×1988CC · 75×75 TOYOTA 2000GT -MF10 4M, 4M-E 1976~79 G6×2563CC · 88×85 CROWN -MS101,106 CRESSIDA-MX33,36,43 CELICA -MA46 5M, 5M-E, 5M-GEU 1980~84 G6×2759CC · 83×85 CROWN -MS112 CRESSIDA-MX63 SOARER -MZ11 CELICA -MA61	M005H	63-005-1 63-005-2	7 7	1~7 1~7	60.00 60.00	64.04 64.04	1.998 1.998	22.13 22.13	11702-45011 11702-45010 11702-41010
	R005H	64-005-1	12	1~6	51.97	55.05	1.499	20.00	13202-45011 13202-45010 13202-43010
	T001H	65-001-1 65-001-2	2 2	2 2	— —	— —	2.975 2.975	— —	11011-45010 11011-43010 11011-40010
	PC005L	66-005-1 66-005-2	1 1	1 2	40.97 32.97	45.00 36.98	2.020 20.20	16.50 16.50	11022-41010
	P005H	67-005-1	6	1~6	22.00	24.03	1.030	25.00	90999-73066
M 1984~89 G6×1988CC · 75×75	M008H	63-005-1 63-005-2 63-008-3 63-008-4	6 6 1 1	2~7 2~7 1 1	60.00 60.00 60.00 60.00	64.04 64.04 64.04 64.04	1.998 1.998 1.998 1.998	22.13 22.13 25.13 25.13	11701-43010 11701-43010
	R008H	64-005-1	12	1~6	51.97	55.05	1.499	20.00	13202-45011 13202-45010 13202-43010
	T001H	65-001-1 65-001-2	2 2	2 2	— —	— —	2.975 2.975	— —	11011-45010 11011-43010 11011-43010
	P005H	67-005-1	6	1~6	22.00	24.03	1.030	25.00	90999-73066
5M 1984/7~90/8 G6×2759CC · 83×85 6M 1983/7~87/8 G6×2954CC · 83×91 SOARER 7M 1986/1~ G6×2954CC · 83×91	M005H	63-005-1 63-005-2	7 7	1~7 1~7	60.00 60.00	64.04 64.04	1.998 1.998	22.00 22.00	11702-45011 11702-45010 11702-41010
	R008H	64-008-1	12	1~6	51.97	55.04	1.499	20.00	13041-42010
	T001H	65-001-1 65-001-2	2 2	2 2	— —	— —	2.975 2.975	— —	11011-45010 11011-43010 11011-40010
	PC005L	66-005-1 66-005-2	1 1	1 2	40.97 32.97	45.00 36.98	2.020 2.020	16.50 16.50	11022-41010
	P005H	67-005-1	6	1~6	22.00	24.03	1.030	25.00	90999-73066

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
5M-G 1984~85 G6×2759CC · 83×85 6M-G 1985~86 G6×2954CC · 83×91 7M-G 1986~93 G6×2954CC · 83×91	M008H	63-005-1	6	2~7	60.00	64.04	1.998	22.13	11701-43010 11071-43010
		63-005-2	6	2~7	60.00	64.04	1.998	22.13	
		63-008-3	1	1	60.00	64.04	1.998	25.13	
		63-008-4	1	1	60.00	64.04	1.998	25.13	
	R008H	64-008-1	12	1~6	51.97	55.05	1.499	20.00	13041-42010
	T001H	65-001-1	2	2	—	—	2.975	—	11011-45010
		65-001-2	2	2	—	—	2.975	—	11011-43010 11011-40010
	PC005L	66-005-1	1	1	40.97	45.00	2.020	16.50	11022-41010
		66-005-2	1	2	32.97	36.98	2.020	16.50	
	P005H	67-005-1	6	1~6	22.00	24.03	1.030	25.00	90999-73066
1MZ-FE 1995~ GV6×2994CC · 87.5×83 HARRIER AVALON CAMRY SIENNA T-100 4-RUNNER 2MZ-FE 1998~ GV6×2496CC · 87.5×69.2 CAMRY	M719A	63-719-1	2	1,4	60.99	66.02	2.489	22.40	11701-20020 11071-20020 11701-20010 11071-20010 11701-0A010 11071-0A010
		63-719-2	2	1,4	60.99	66.02	2.489	22.40	
		63-719-3	2	2,3	60.99	66.02	2.489	19.00	
		63-719-4	2	2,3	60.99	66.02	2.489	19.00	
	R719A	64-719-1	12		52.99	56.02	1.499	16.00	13041-20010 13041-0A010
	T719A	65-719-1	4	2	—	—	1.980	—	11011-0A010 11011-20020
	P								90999-73119
1N 1986~ D4×1453CC · 74×84.5 STARLET -X-NP80 1N-T 1988~ D4×1453CC · 74×84.5 STARLET -X-NP80 COROLLA2-X-NL50	M046A	63-046-1	5	1~5	49.98	54.06	2.008	18.00	11701-55020 11701-55010
		63-046-2	5	1~5	49.98	54.06	2.008	18.00	
	R046A	64-046-1	8	1~4	43.98	47.04	1.492	17.90	13041-55020 13041-55010
	T002A	65-002-1	2	3	—	—	2.480	—	11011-22011
		65-002-2	2	3	—	—	2.480	—	
	R046H	64-046-1	4	1~4	23.50	26.53	1.530	23.80	90999-73109
1NZ-FE 1999 G4×1496CC · 75×84.7 VITS -NCP10,13,15 PLATS -NCP12,16 YARIS FUNCARGO -NCP20,21,25 2NZ-FE G4×1298CC · 75×73.5 YARIS VITS -NCP10,13,15 FUNCARGO -NCP20,21,25	M723A1	63-723-1-1	5	1~5	45.99	50.02	1.995	16.10	11701-21010 11701-21040 11701-21031
		63-723-2-1	5	1~5	45.99	50.02	1.995	16.10	
	R723A	64-723-1-1	8	1~4	39.99	43.02	1.494	13.60	13041-21020/30 13041-21021
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11791-21010

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
3P 1967~77 G4×1345CC · 76.6×73 HIACE -PH10 TOYOACE -PK32 FORKLIFT -FG7,10 SHOVEL -SG7 4P 1971~ G4×1493CC · 76.6×81 FORKLIFT -2FG20,3FG20 4FG20 SHOVEL -SGK6	M004H	63-004-1	6	1~3	51.97	56.04	2.004	29.00	11702-23011 11702-23010 11702-76001
	R004H	64-004-1	8	1~4	46.97	50.04	1.504	23.00	13202-23012 13202-23011 13202-23010 13202-76001
	T004A	65-004-1 65-004-2	2 2	2 2	— —	— —	2.480 2.480	— —	11011-23010 11011-20010 11011-76002
	C004L	62-004-1 62-004-2 62-004-3	1 1 1	1 2 3	46.97 46.77 46.57	51.03 51.03 51.03	2.000 2.100 2.200	24.00 20.00 24.00	11802-23010 11802-20010 11802-76002
	P004H	67-004-1	4	1~4	20.00	22.05	1.030	24.00	90999-73059 90999-70001
5P 1976~85 G4×2771CC · 93×102 FORKLIFT	M032A	63-032-1 63-034-3	8 2	1,2,4,5 3	69.98 69.98	74.03 74.03	1.985 1.985	22.60 29.60	11702-48012 11702-48011 11702-48010 11702-46010 11702-76008 11702-76007 11702-76006
	R032A	64-032-1	8	1~4	54.98	58.02	1.485	25.60	13202-48010 13202-76005
	T032A	65-032-1 65-032-2	2 2	3 3	— —	— —	2.980 2.980	— —	11011-46020 11011-76006
	C032L1	62-032-1 62-032-2 62-032-3 62-032-5	1 1 1 1	1 2 3 4	47.16 46.96 46.96 46.56	51.03 51.03 51.03 51.03	1.900 2.000 2.100 2.200	24.00 20.00 20.00 24.00	11802-48010
	P032H	67-032-1	4	1~4	27.00	30.03	1.530	31.00	90999-73083 90999-73069
	P032HS	67-032-1S	4	1~4	—	—	—	—	90999-73083/NB
1PZ 1988~ D5×3469CC · 94×100 LAND CRUISER	M706A	63-706-1 63-706-2	6 6	1~6 1~6	66.98 66.98	71.02 71.02	1.980 1.980	22.10 22.10	11701-17010
	R706A	64-706-1	10	1~5	58.98	62.03	1.487	23.60	13041-17010
	T706A	65-706-1 65-706-2	2 2	2 2	— —	— —	2.980 2.980	— —	11011-17010
	C706A	62-706-1	2	1	34.97	38.04	1.504	29.00	11801-17010
	P706H	67-706-1	5	1~5	29.00	32.03	1.530	27.20	90999-73126
	P706HS	67-706-1S	5	1~5	—	—	—	—	90999-73126/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
3R 1960~67 G4×1897CC · 88×78 CROWN -RS40,41,46 STOUT -RK100 DYNA -RK170,175	M001H	63-001-1	1	1	59.99	65.04	2.497	28.00	11702-40020
		63-001-2	1	1	59.99	65.04	2.497	28.00	11702-40010
		63-001-3	1	2	59.99	65.04	2.497	36.00	11701-40020
		63-001-4	1	2	59.99	65.04	2.497	36.00	
		63-001-5	1	3	59.99	65.04	2.497	40.00	
		63-001-6	1	3	59.99	65.04	2.497	40.00	
	R001H	64-001-1	8	1~4	54.99	58.05	1.504	31.00	13202-40021 13202-40020 13202-40010 13041-40010
	T001H	65-001-1	2	2	—	—	2.975	—	11011-40010
		65-001-2	2	2	—	—	2.975	—	
	C001L	62-001-1	1	1	46.46	50.03	1.750	29.00	11802-40010
		62-001-2	1	2	46.21	50.03	1.875	20.00	
		62-001-3	1	3	45.98	50.03	2.000	46.00	
		62-001-4	1	4	45.71	50.03	2.125	19.00	
		62-001-5	1	5	45.46	50.03	2.250	28.00	
	P001H	67-001-1	4	1~4	23.97	27.02	1.503	31.00	90999-73046 90999-70003
5R 1967~69 G4×1994CC · 88×82 CROWN -RS50,56 STOUT -RK101 DYNA -RK171,176 COASTER -RU18,19	M001H	63-001-1	1	1	59.99	65.04	2.497	28.00	11702-40020
		63-001-2	1	1	59.99	65.04	2.497	28.00	11702-40010
		63-001-3	1	2	59.99	65.04	2.497	36.00	11701-40020
		63-001-4	1	2	59.99	65.04	2.497	36.00	
		63-001-5	1	3	59.99	65.04	2.497	40.00	
		63-001-6	1	3	59.99	65.04	2.497	40.00	
	R012H	64-012-1	8	1~4	54.99	58.05	1.504	26.00	13202-44012 13202-44011 13202-44010 13041-44010
	T001H	65-001-1	2	2	—	—	2.975	—	11011-45010
		65-001-2	2	2	—	—	2.975	—	11011-43010 11011-40010
	C001L	62-001-1	1	1	46.46	50.03	1.750	29.00	11802-40010
		62-001-2	1	2	46.21	50.03	1.875	20.00	
		62-001-3	1	3	45.98	50.03	2.000	46.00	
		62-001-4	1	4	45.71	50.03	2.125	19.00	
		62-001-5	1	5	45.46	50.03	2.250	28.00	
	P012H	67-012-1	4	1~4	22.00	24.05	1.047	32.00	90999-73064 90999-73044
	P012HS	67-012-1S	4	1~4	—	—	—	—	90999-73064/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POS- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
5R 1969~78 G4×1994CC · 88×82 CROWN -RS50,56,66 DYNA -RU10,12,15 COASTER -RU18,19	M012H	63-012-1	2	1	59.99	64.03	1.992	28.00	11702-44020 11702-76002
		63-012-(2)	1	2	59.99	64.03	1.992	41.98	
		63-012-4	2	3	59.99	64.03	1.992	36.00	
		63-012-(3)	1	2	59.99	64.03	1.992	41.98	
	R012H	64-012-1	8	1~4	54.99	58.05	1.504	26.00	13202-44012 13202-44011 13202-44010 13202-76002 13202-76003
	C012L	62-001-1	1	1	46.46	50.03	1.750	29.00	11802-44010 11802-40011 11802-76003
		62-001-2	1	2	46.21	50.03	1.875	20.00	
		62-012-3	1	3	45.96	50.03	2.000	46.00	
		62-001-4	1	4	45.71	50.03	2.125	19.00	
		62-001-5	1	5	45.46	50.03	2.250	28.00	
	R012H	67-012-1	4	1~4	22.00	24.05	1.047	32.00	90999-73064 90999-73044
	P012HS	67-012-1S	4	1~4	—	—	—	—	90999-73064/NB
5R 1979~ G4×1994CC · 88×82 CROWN -RS110 STOUT -RK101,110,111 DYNA -RU20,30 (DAIHATSU) DELTA -V34W,30	M023A	63-023-1	2	1	59.97	64.03	1.992	27.70	11702-44040 11702-44021 11702-76004 11702-76003
		63-023-2	4	2,3	59.97	64.03	1.992	35.40	
	R023A	64-023-1	8	1~4	54.96	58.05	1.504	25.70	13202-44040
	T011A	65-011-1	2	3	—	—	1.990	—	
		65-011-2	2	3	—	—	1.990	—	11011-35011 11011-35010 11011-38010 11011-33010 11011-76004 11011-76005
	C012L	62-001-1	1	1	46.46	50.03	1.750	29.00	
		62-001-2	1	2	46.21	50.03	1.875	20.00	
		62-012-3	1	3	45.96	50.03	2.000	46.00	
		62-001-4	1	4	45.71	50.03	2.150	19.00	
		62-001-5	1	5	45.46	50.03	2.250	28.00	
	P012H	67-012-1	4	1~4	22.00	24.05	1.047	32.00	90999-73064 90999-73044
	P012HS	67-012-1S	4	1~4	—	—	—	—	90999-73064/NB
12R 1971~85 G4×1587CC · 80.5×78 CORONA -RT69,87,91,106 HILUX -RN13,16,20,25 30,33,40,43 CRESSIDA -RT69 TOWNACE -RR10,11,20,21 TOYOACE -RY10,12,14 HIACE -RH10,13,16,24 30,40 (DAIHATSU) TAFTO -F20 DELTA -SV17	M016A	63-016-1	2	1	57.98	61.62	1.791	30.00	11702-31020 11702-31011
		63-016-2	2	2	57.98	61.62	1.791	34.00	
		63-016-3	2	3	57.98	61.62	1.791	40.00	
	R016A	64-016-1	8	1~4	49.97	53.02	1.492	27.00	13202-31020 13202-31011 13202-31010
	T003A	65-003-1	2	2	—	—	2.975	—	11011-31030 11011-31020 11011-31011 11011-31010
		65-003-2	2	2	—	—	2.975	—	
	C003L	62-003-1	1	1	46.46	50.02	1.770	28.00	
		62-003-2	1	2	46.21	50.02	1.895	42.00	11802-31010
		62-003-3	1	3	45.96	50.02	2.020	25.00	
	P003H	67-003-1	4	1~4	20.00	22.02	1.030	27.00	90999-73027
	P003HS	67-003-1S	4	1~4	—	—	—	—	90999-73027/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
16R 1973~77 G4×1808CC · 88.5×73.5 CORONA -RT102,108,112 CRESSIDA-RX11,17,21,27 18R 1970~77 G4×1968CC · 88.5×80 CORONA -RT63,73,79,85 CRESSIDA-RX12,22,28 HILUX -RN14,22,27 CELICA -RA21,23,25,35	M010H	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	11702-33011
		63-010-(3)	1	3	59.97	64.02	1.992	35.98	
		63-010-(4)	1	3	59.97	64.02	1.992	35.98	
	R020H	64-020-1	8	1~4	52.98	56.02	1.492	22.00	13202-33011 13202-33010
	C009L	62-009-1	7	1~4	34.99	38.04	1.509	20.13	11802-33010
		62-009-(2)	1	1	34.99	38.04	1.509	28.04	
	PC009L	66-009-1	1	1	45.97	49.98	8.000	25.00	11022-33011 11022-33010
		66-009-2	1	2	40.97	44.98	2.000	20.00	
	P010H	67-010-1	4	1~4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
18R-G 1971~77 G4×1968CC · 88.5×80 CORONA -RT104,114 CRESSIDA-RX22 CELICA -RA21,25 CARINA -RA11,15,17 19R 1975~77 G4×1968CC · 88.5×80 CARINA -RA14,31 CORONA -RT103,123	M010H	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	11702-33011
		63-010-(3)	1	3	59.97	64.02	1.992	35.98	
		63-010-(4)	1	3	59.97	64.02	1.992	35.98	
	R020H	64-020-1	8	1~4	52.98	56.02	1.492	22.00	13202-38011 13202-33011 13202-33010
	PC009L	66-009-1	1	1	45.97	49.98	2.000	25.00	11022-33011 11022-33010
		66-009-2	1	2	40.97	44.98	2.000	20.00	
	P010H	67-010-1	4	1~4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1~4	—	—	—	—	90999-73072/NB
16R, 16R-U 1977~79 G4×1808CC · 88.5×73.5 CORONA -RT137 CRESSIDA-RX11,17,37 HIACE -RH31,41,45,50 CARINA -RA10,16 18R, 18R-U 1977~ G4×1968CC · 88.5×80 CRESSIDA-RX12,15,22,28 30,31,35 CORONA -RT122,138 CLICA -RA40,45 CAMRY -RA55 HIACE -RH22G,35,45	M009H	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	11702-33012
		63-009-2	2	3	59.97	64.02	1.992	28.00	
	R020H	64-020-1	8	1~4	52.98	56.02	1.492	22.00	13202-38011 13041-35030 13202-33011
	T011A	65-011-1	2	3	—	—	1.990	—	11011-38010 11011-35010 11011-33010
		65-011-2	2	3	—	—	1.990	—	
	C009L	62-009-1	7	1~4	34.99	38.04	1.509	20.13	11802-33010
		62-009-(2)	1	1	34.99	38.04	1.509	28.04	
	PC009L	66-009-1	1	1	45.97	49.98	2.000	25.00	11022-33011 11022-33010
		66-009-2	1	2	40.97	44.98	2.000	20.00	
	P010H	67-010-1	4	1~4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1~4	—	—	—	—	90999-73072/NB

TOYOTA

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
18R-GU, 18R-GEU 1977～82 G4×1968CC・88.5×80 CORONA -RT104,114,112 132,141 CELICA -RA40,45 CARINA -RA17,45 CAMRY -RA55 CRESSIDA -RX63	M009H	63-009-1 63-009-2	8 2	1,2,4,5 3	59.97 59.97	64.02 64.02	1.992 1.992	22.00 28.00	11702-33012
	R020H	64-020-1	8	1～4	52.98	56.02	1.492	22.00	13202-38011 13202-33011 13202-33010
	T011A	65-011-1	2	3	—	—	1.990	—	11011-38010
		65-011-2	2	3	—	—	1.990	—	11011-35010 11011-33010
	PC009L	66-009-1 66-009-2	1 1	1 2	45.97 40.97	49.98 44.98	8.000 2.000	25.00 20.00	11022-33011 11022-33010
	P010H	67-010-1	4	1～4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1～4	—	—	—	—	90999-73072/NB
20R 1974～75 G4×2189CC・88.5×80 CELICA -RA22,24,29 CORONA -RT105,119 HILUX -RN23,28	M011H	63-009-1 63-011-1	8 2	1,2,4,5 3	59.97 59.97	64.02 64.02	1.992 1.992	22.00 24.00	11702-33010
	R011H	64-011-1	8	1～4	52.98	56.02	1.492	22.00	13202-38010
	T011A	65-011-1	2	3	—	—	1.990	—	11011-38010
		65-011-2	2	3	—	—	1.990	—	11011-35010 11011-33010
	P010H	67-010-1	4	1～4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1～4	—	—	—	—	90999-73072/NB
20R 1975～82 G4×2189CC・88.5×80 CELICA -RA42 CORONA -RT134 HILUX -RN32,37,42,47 COSTER -RB11,12	M011H	63-009-1 63-011-1	8 2	1,2,4,5 3	59.97 59.97	64.02 64.02	1.992 1.992	22.00 24.00	11702-33010
	R020H	64-020-1	8	1～4	52.98	56.02	1.492	22.00	13041-35030 13202-38011 13202-33011
	T011A	65-011-1	2	3	—	—	1.990	—	11011-35010
		65-011-2	2	3	—	—	1.990	—	11011-33010 11011-38010
	P010H	67-010-1	4	1～4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1～4	—	—	—	—	90999-73072/NB
21R 1978～81 G4×1972CC・84×89 CELICA -RA40,56 CORONA -RT133 HIACE -RH23,33 CRESSIDA -RX41,60 22R 1980～81 G4×2366CC・92×89 COASTER -RB13	M011H	63-009-1 63-011-1	8 2	1,2,4,5 3	59.97 59.97	64.02 64.02	1.992 1.992	22.00 24.00	11702-33010
	R020H	64-020-1	8	1～4	52.98	56.02	1.492	22.00	13041-35030 13202-38011 13202-33011
	T011A	65-011-1	2	3	—	—	1.990	—	11011-35010
		65-011-2	2	3	—	—	1.990	—	11011-33010 11011-38010
	P010H	67-010-1	4	1～4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1～4	—	—	—	—	90999-73072/NB

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
22R 1981~ G4×2366CC · 92×89 CRESSIDA HIACE	M020H	63-009-1	5	1~5	59.97	64.02	1.992	22.00	11701-35030 11702-38011
		63-020-2	5	1~5	59.97	64.02	1.992	22.00	
	R020H	64-020-1	8	1~4	52.98	56.02	1.492	22.00	13041-35030 13202-38011 13202-33011
	T020A	65-020-1	2	3	—	—	2.740	—	11011-35020
		65-020-2	2	3	—	—	2.740	—	
	P010H	67-010-1	4	1~4	22.00	24.05	1.030	28.00	90999-73072 90999-73048
	P010HS	67-010-1S	4	1~4	—	—	—	—	90999-73072/NB
1RZ 1989~ G4×1988CC · 86×86 HIACE -RZH124 HILUX -RZN147 2RZ 1989~ G4×2438CC · 95×86 HIACE -RZH101 3RZ 1995~ G4×2693CC · 95×95 TOYOACE -RZU100 GRANVIA -RCH11 HILUX -RZN169,174	M703A2	63-703-1	2	1,5	59.99	64.02	1.990	25.10	11701-75022 11701-75021 11071-75021 11701-75020 11701-75010
		63-703-2	2	1,5	59.99	64.02	1.990	25.10	
		63-703-3	3	2~4	59.99	64.02	1.990	23.10	
		63-703-4	3	2~4	59.99	64.02	1.990	23.10	
	R703A	64-703-1	8	1~4	52.99	56.02	1.485	19.80	13041-75010
	R711A (93/08~)	64-711-1 (AFTER '93/8)	8	1~4	52.99	56.00	1.485	19.80	13041-75022 13041-75021 13041-75020
	T703A	65-703-1	2	2	—	—	2.490	—	11011-75010
		65-703-2	2	2	—	—	2.490	—	
	P703H	67-703-1	4	1~4	24.00	27.03	1.535	26.00	90999-73129
	M024A	63-024-1	4	1,2	54.99	59.04	2.000	19.20	11701-63022 11071-63021 11701-63021 11071-63020 11701-74040 11701-70012
		63-024-2	4	3,4	54.99	59.04	2.000	19.20	
		63-024-3	1	5	54.99	59.04	1.990	22.90	
		63-024-4	1	5	54.99	59.04	1.990	22.90	
	R024A	64-024-1	8	1~4	47.99	51.02	1.488	20.40	13041-63020
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	2S 1982~ G4×1995CC · 84×90 CAMRY -SV11								
	3S-E 1998~ G4×1998CC · 86×86 CARINA -ST163 CELICA -ST162 CORONA -ST162 CAMRY -SV21								

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
3S-FE 1985~ G4×1998CC · 86×86 CAMRY -SV21,25,33,35 41,43 VISTA -SV21,25,32,33 35,41,50 CORONA -ST171,183,191 203 CELICA -ST162,182,202 CARINA -ST162,182,163 202,215 4S-FE 1992~ G4×1838CC · 82.5×86 5S-FE 1992~ G4×2164CC · 87×91 CAMRY -SXV20 SEPTER -SXV10,15	M024A	63-024-1	4	1,2	54.99	59.04	2.000	19.20	11701-88360
		63-024-2	4	3,4	54.99	59.04	2.000	19.20	11701-63021
		63-024-3	1	5	54.99	59.04	1.995	22.90	11701-70021
		63-024-4	1	5	54.99	59.04	1.995	22.90	
	R710A	64-710-1	8	1~4	51.99	55.02	1.488	20.40	13041-74040 13041-74030
	T018A	65-018-1	2	3	—	—	2.490	—	11011-74020
		65-018-2	2	3	—	—	2.490	—	11011-25010
	P710H	67-710-1	4	1~4	22.00	24.03	1.040	26.50	90999-73112
	T710A	65-710-1	2	3	—	—	2.500	—	11011-74020
1SZ-FE 1999~ G4×1000CC · 69.0×66.7 VITZ,PRATZ-SCP10,SCP11	M725A	63-725-1	5	1~5	46.00	50.02	1.992	14.90	11701-23021
		63-725-2	5	1~5	46.00	50.02	1.992	14.90	11701-23020
	(With one oil hole & locking lip) (UP TO '02)								
	M726A	63-726-1	5	1~5	46.00	50.02	1.992	14.90	11701-23061
		63-726-2	5	1~5	46.00	50.02	1.992	14.90	11701-23060 11701-23051 11701-23050
	(With two oil holes and no locking lip) (AFTER '02)								
	R725A	64-725-1	8	1~4	35.00	38.01	1.492	13.20	13041-23021 13041-23020
	T284A	64-284-1	2	3	—	—	1.990	—	11791-23030 11791-23020
2SZ-FE 2002~ G4×1297CC · 72.0×79.6 VITZ -SCP13,SCP90 RACTIS -SCP100	M726A	63-726-1	5	1~5	46.00	50.02	1.992	14.90	11701-23061
		63-726-2	5	1~5	46.00	50.20	1.992	14.90	11701-23060 11701-23051 11701-23050
	R726A	64-726-1	8	1~4	40.00	43.01	1.492	13.20	13041-23031 13041-23030
	T284A	65-284-1	2	3	—	—	1.990	—	11791-23030 11791-23020
3SZ 2005~ G4×1495CC · 720×918 Rush -J210 bB -QNC21	M726A	63-726-1	5	1~5	46.00	50.02	1.992	14.90	11701-23061
		63-726-2	5	1~5	46.00	50.02	1.992	14.90	11701-23060 11701-23051 11701-23050
	R727A	64-727-1	8	1~4	42.00	45.01	1.487	13.20	13041-B1021
	T284A	65-284-1	2	3	—	—	1.980	—	11791-23030 11791-23020

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
T 1970~71 G4×1407CC · 80×70 COROLLA -TE20,25 CARINA -TA10 CELICA -TA20 2T 1970~71 G4×1588CC · 85×70 CELICA -TA22 CARINA -TA12	M018H	63-018-1	8	1,2,4,5	57.98	62.02	2.004	20.93	11702-25020 11702-25011 11702-25010
		63-018-(2)	1	3	57.98	62.02	1.996	30.93	
		63-018-(3)	1	3	57.98	62.02	1.996	30.93	
	R018HS	64-018-1	8	1~8	47.98	51.02	1.492	18.90	13202-18030 13202-25010
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
		62-018-2	1	2	46.21	49.78	1.772	16.00	
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
		62-018-5	1	5	45.46	49.53	2.018	18.00	
T 1971~79 G4×1407CC · 80×70 COROLLA -TE20,25,30,50 CARINA -TA10,15,16 CELICA -TA20 2T 1971~81 G4×1588CC · 85×70 CELICA -TA22,27,35 CARINA -TA12,14,17,18 19,30,40 CORONA -TT100,106,110 120,137 COROLLA -TE21,27,31,37 38,51,55,71 TOWNACE -TR10,11 (DAIHATSU) DELTA -TB10V,TB11V	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R018H2	64-018-1	8	1~4	47.98	51.02	1.492	18.90	13202-18030 13202-25010
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
		62-018-2	1	2	46.21	49.78	1.772	16.00	
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
		62-018-5	1	5	45.46	49.53	2.018	18.00	
2T-G 1970~71 G4×1588CC · 85×70 CARINA -TA12 CELICA -TA22	M018H	63-018-1	8	1,2,4,5	57.98	62.02	2.004	20.93	11702-27011 11702-27010
		63-018-(2)	1	3	57.98	62.02	1.996	30.93	
		63-018-(3)	1	3	57.98	62.02	1.996	30.93	
	R018H2	64-018-1	8	1~4	47.98	51.02	1.492	18.90	13202-88260 13202-25010
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
		62-018-2	1	2	46.21	49.78	1.772	16.00	
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
		62-018-5	1	5	45.46	49.53	2.018	18.00	
2T-G 1970~81 G4×1588CC · 85×70 CARINA -TA12,17,61 CELICA -TA22,40,45 COROLLA -TE27,31,37,51 47,61,65	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-88261 11702-88260 11702-27012
	R018H2	64-018-1	8	1~4	47.98	51.02	1.492	18.90	13202-88260 13202-18030 13202-25010
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2T-G 1981~85 G4×1588CC · 85×70 CARINA -TA61 CELICA -TA61 COROLLA -TE71	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-88261 11702-88260 11702-27012
	R019H1	64-019-1	8	1~4	47.98	51.02	1.492	18.90	13202-88281
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
3T 1977~81 G4×1770CC · 85×78 CARINA -TA42,47 CELICA -TA42,47 CORONA -TT121,132,142 CRESSIDA -TX30,40 COROLLA -TE72 CAMRY -TA57	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R018H2	64-018-1	8	1~4	47.98	51.02	1.492	18.90	13202-18030 13202-25010
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
		62-018-2	1	2	46.21	49.78	1.772	16.00	
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
		62-018-5	1	5	45.46	49.53	2.018	18.00	
3T 1981~85 G4×1770CC · 85×78 CARINA -TA63 CELICA -TA63 CORONA -TT142	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R019H1	64-019-1	8	1~4	47.98	51.02	1.492	19.00	13041-18011 13041-18010
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
		62-018-2	1	2	46.21	49.78	1.772	16.00	
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
		62-018-5	1	5	45.46	49.53	2.018	18.00	
3T-G 1982~85 G4×1770CC · 85×78 CARINA CELICA CORONA 4T-G 1982~83 G4×1770CC · 85×78	R019H1	64-019-1	8	1~4	47.98	51.02	1.492	19.00	13041-88281 13041-18011 13041-18010
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
12T 1976~81 G4×1588CC · 85×70 CARINA -TA31,41,49 CELICA -TA41 CORONA -TT125,130,138 COROLLA -TE49,52,56,66 67,73 TOWNACE -TR11	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R018H2	64-018-1	8	1~4	47.98	51.02	1.492	18.90	13202-18030 13202-25010
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	C018L	62-018-1	1	1	46.46	50.03	1.750	18.00	11802-25011 11802-25010
		62-018-2	1	2	46.21	49.78	1.772	16.00	
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
		62-018-5	1	5	45.46	49.53	2.018	18.00	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
12T 1981~85 G4×1588CC · 85×70 CARINA -TA67 CORONA -TT147	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R019H1	64-018-1	8	1~4	47.98	51.02	1.492	19.00	13041-18011 13041-18010
	T018A	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	11011-25010
	C018L	62-018-1 62-018-2 62-018-3 62-018-4 62-018-5	1 1 1 1 1	1 2 3 4 5	46.46 46.21 45.96 45.71 45.46	50.03 49.78 49.03 49.28 49.53	1.750 1.772 1.520 1.772 2.018	18.00 16.00 18.00 16.00 18.00	11802-25011 11802-25010
13T 1978~81 G4×1770CC · 85×78 CARINA -TA46 CORONA -TT131 CRESSIDA -TX40,47,50 COROLLA -TE70 TOWNACE -TR15 LITEACE -TM20	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R018H2	64-018-1	8	1~4	47.98	51.02	1.492	18.90	13202-18030 13202-25010
	T018A	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	11011-25010
	C018L	62-018-1 62-018-2 62-018-3 62-018-4 62-018-5	1 1 1 1 1	1 2 3 4 5	46.46 46.21 45.96 45.71 45.46	50.03 49.78 49.03 49.28 49.53	1.750 1.772 1.520 1.772 2.018	18.00 16.00 18.00 16.00 18.00	11802-25011 11802-25010
13T 1981~85 G4×1770CC · 85×78 CRESSIDA -TX67 TOWNACE -TR15,20 LITEACE -TM20	M019H	63-018-1	10	1~5	57.98	62.02	2.004	20.93	11702-25013 11702-25012
	R019H1	64-019-1	8	1~4	47.98	51.02	1.492	19.00	13041-18011 13041-18010
	T018A	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	11011-25010
	C018L	62-018-1 62-018-2 62-018-3 62-018-4 62-018-5	1 1 1 1 1	1 2 3 4 5	46.46 46.21 45.96 45.71 45.46	50.03 49.78 49.03 49.28 49.53	1.750 1.772 1.520 1.772 2.018	18.00 16.00 18.00 16.00 18.00	11802-25011 11802-25010
1TR-FE 2003~ G4×1998CC · 86.0×86.0 HIACE-TRH100,112,200 DYNA -TRY230 COMFORT-TSS13 2TR-FE 2004~ G4×2693CC · 95.0×95.0 HIACE -TRH200,224 HILUX -TRN215W PRADO -TRJ120,125 FORTUNER-TGN61L	M729A1	63-729-1 63-729-2	5 5	1~5 1~5	60.00 60.00	64.02 64.02	1.990 1.990	21.10 21.10	11701-75031 11701-0C010
	R729A	64-729-1	8	1~4	53.02	56.02	1.487	15.60	13041-75050 13041-75040 13041-75030
	T729A	65-729-1 65-729-2	2 2	3 3	— —	— —	2.490 2.490	— —	11011-75020

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2TZ-FE 1990~ G4×2438CC · 95×86 ESTIMA -TCR10,11,21	M703A2	63-703-1	2	1,5	59.99	64.02	1.990	25.10	11701-75022
		63-703-2	2	1,5	59.99	64.02	1.990	25.10	11071-75022
		63-703-3	3	2~4	59.99	64.02	1.990	23.10	11701-75021
		63-703-4	3	2~4	59.99	64.02	1.990	23.10	11071-75021
	R703A	64-703-1	8	1~4	52.99	56.02	1.485	19.80	11701-75020
									11071-75020
									11701-75010
									11071-75010
	T703A	65-703-1	2	2	—	—	2.490	—	13041-75010
		65-703-2	2	2	—	—	2.490	—	11011-75010
	P703H	67-703-1	4	1~4	24.00	27.03	1.535	26.00	90999-73129
1UR-FE 2005~ V8×4608CC · 94.0×83.0 LEXUS LS 460 & LS 460L LEXUS GS 460 LEXUS GX 460 LAND CRUISER SEQUOIA TUNDRA 1UR-FSE 2007~ V8×4608CC · 94.0×83.0 LEXUS LS 460 & LS 460L LEXUS GS 460 CROWN MAJESTA 2UR-FSE 2008~ V8×4968CC · 94.0×89.5 LEXUS LS 600h & LS 600h L	M718A	63-748-1	2	1,5	66.99	72.02	2.491	22.50	11071-38010
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	11072-38010
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00	
		63-748-4	2	1,5	66.99	72.02	2.504	22.50	
	R748A	64-748-1	16	1~8	52.98	56.02	1.492	17.00	13041-38070
	T748A	65-748-1	2	3	—	—	2.500	—	11011-38050
		65-748-2	2	3	—	—	2.500	—	
	M748A	63-748-1	2	1,5	66.99	72.02	2.491	22.50	11071-38010
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	11072-38010
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00	
		63-748-4	2	1,5	66.99	72.02	2.504	22.50	
	R749A	64-749-1	16	1~8	52.98	56.02	1.486	17.00	13041-38081
	T748A	65-748-1	2	3	—	—	2.500	—	11011-38050
		65-748-2	2	3	—	—	2.500	—	
2UR-GSE 2008~ V8×4968CC · 94.0×89.5 LEXUS IS-F	M748A	63-748-1	2	1,5	66.99	72.02	2.491	22.50	11071-38010
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	11072-38010
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00	
		63-748-4	2	1,5	66.99	72.02	2.504	22.50	
	R749A	64-749-1	16	1~8	52.98	56.02	1.486	17.00	13041-38081
	T748A	65-748-1	2	3	—	—	2.500	—	11011-38050
		65-748-2	2	3	—	—	2.500	—	
	M748A	63-748-1	2	1,5	66.99	72.02	2.491	22.50	11071-38010
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	11072-38010
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00	
		63-748-4	2	1,5	66.99	72.02	2.504	22.50	
	R750A	64-750-1	16	1~8	52.98	59.02	1.492	17.00	13041-38060
	T748A	65-748-1	2	3	—	—	2.500	—	11011-38050
		65-748-2	2	3	—	—	2.500	—	
3UR-FE 2007~ V8×5663CC · 94.0×102.1 TUNDRA SEQUOIA LAND CRUISER 200 SERIES LEXUS LX 570	M748A	63-748-1	2	1,5	66.99	72.02	2.491	22.50	11071-38010
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	11072-38010
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00	
		63-748-4	2	1,5	66.99	72.02	2.504	22.50	
	R750A	64-750-1	16	1~8	52.98	59.02	1.492	17.00	13041-38060
	T748A	65-748-1	2	3	—	—	2.500	—	11011-38050
		65-748-2	2	3	—	—	2.500	—	
	M748A	63-748-1	2	1,5	66.99	72.02	2.491	22.50	11071-38010
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	11072-38010
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00	
		63-748-4	2	1,5	66.99	72.02	2.504	22.50	
	R750A	64-750-1	16	1~8	52.98	59.02	1.492	17.00	13041-38060
	T748A	65-748-1	2	3	—	—	2.500	—	11011-38050
		65-748-2	2	3	—	—	2.500	—	

MODEL・YEAR NOS.OF CYL X CYL CAPACITY・BORE X STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2UZ-FE 1998~ GV8×4,663CC・94.0×84.0 LAND CRUISER-UZJ100 -UZJ200(〜09.4) 4RUNNER-N210 TUNDRA- SEQUOIA- GX470 -UZJ120 LX470 -UZJ100	M733A	63-733-1	2		67.01	72.02	2.490	22.50	11701-50032 11701-55021
		63-733-2	2		67.01	72.02	2.490	22.50	
		63-733-3	3		67.02	72.02	2.484	19.50	
		63-733-4	3		67.02	72.02	2.484	19.50	
	R733A	64-733-1	16	1~8	52.01	55.02	1.490	19.50	13041-50031
	T733A	65-733-1	2		—	—	2.490	—	11011-50010
		65-733-2	2		—	—	2.490	—	
1VZ-FE 1987~ GV6×1992CC・78×69.5 CAMRY -VZV20,31	M029H	63-029-1	1	1	63.99	68.03	1.994	22.00	11701-62022 11071-62020 11701-62021 11071-62020 11071-62020 11701-62010 11071-62010
		63-029-2	1	1	63.99	68.03	1.994	22.00	
		63-029-3	3	2,3,4	63.99	68.03	1.994	20.00	
		63-029-4	3	2,3,4	63.99	68.03	1.994	20.00	
	R029H	64-029-1	12	1~6	47.99	51.02	1.488	17.00	13041-62010
	T029A	65-029-1	2	2	—	—	2.490	—	11011-62010
		65-029-2	2	2	—	—	2.490	—	
3VZ-E 1987~ GV6×2959CC・87.5×82 HILUX -VZN30	M704A1	63-029-1	1	1	63.99	68.03	1.994	22.00	11071-62022 11071-65011 11701-62021 11071-65011 11701-62021 11071-65010 11701-65010 11071-65010
		63-029-2	1	1	63.99	68.03	1.994	22.00	
		63-704-3	3	2~4	63.99	68.03	1.994	20.00	
		63-704-4	3	2~4	63.99	68.03	1.994	20.00	
	R704A	64-704-1	12	1~6	54.99	58.02	1.488	16.95	13041-65020 13041-65011 13041-65010
	T029A	65-029-1	2	2	—	—	2.490	—	11011-62010
		65-029-2	2	2	—	—	2.490	—	
2VZ-FE 1988~ GV6×2507CC CAMRY LEXUS -ES250 3VZ-FE 1991~ GV6×2959CC・87.5×82 SEPTER -VCB15 4VZ-FE 1987~ GV6×2496CC・87.5×69.2 CAMRY -VZV32,33	M029H	63-029-1	1	1	63.99	68.03	1.994	22.00	11701-62021 11701-62020 11071-62011 11701-62022 11071-62020 11701-62010 11071-62010
		63-029-2	1	1	63.99	68.03	1.994	22.00	
		63-029-3	3	2,3,4	63.99	68.03	1.994	20.00	
		63-029-4	3	2,3,4	63.99	68.03	1.994	20.00	
	R705H	64-705-1	12	1~6	54.99	58.02	1.488	17.00	13041-62020
	T029A	65-029-1	2	2	—	—	2.490	—	11011-62010
		65-029-2	2	2	—	—	2.490	—	
	P704H (FOR 3VZ-FE)	67-704-1	6	1~6	22.00	24.03	1.050	23.00	90999-73130

TOYOTA

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
5VZ-FE 1994～ GV6×3378CC・93.5×82 GRND HIACE-VCHLOW T100 TACOMA	M704A1	63-029-1	1	1	63.99	68.03	1.994	22.00	11071-62022
		63-029-2	1	1	63.99	68.03	1.994	22.00	11071-65011
		63-704-3	3	2～4	63.99	68.03	1.994	20.00	
		63-704-4	3	2～4	63.99	68.03	1.994	20.00	
	R709H	64-709-1	12	1～6	54.99	58.02	1.488	16.95	13041-62030
	T029A	65-029-1	2	2	—	—	2.490	—	11011-62010
		65-029-2	2	2	—	—	2.490	—	
	P704H	67-704-1	6	1～6	22.00	24.03	1.050	23.00	90999-73130
1W 1983～ D4×4009CC・104×118 DYNA－WU50,75D	M216H	63-216-1	10	1～5	72.94	78.00	2.493	25.13	11701-78010
	R216H	64-216-1	4	1～4	61.94	66.00	1.997	28.13	13041-78010
		64-216-2	4	1～4	61.94	66.00	1.997	28.13	
	T216H	65-216-1	2	4	—	—	2.500	—	11011-78010
		65-216-2	2	4	—	—	2.500	—	
	C216L	62-216-1	1	1	56.95	60.03	1.500	27.00	11801-78010
		62-216-2	1	2	56.75	59.83	1.500	27.00	
		62-216-3	1	3	56.55	59.63	1.500	27.00	
	P216H	67-216-1	4	1～4	34.99	39.03	1.992	29.80	90999-73095
		67-216-(L)	—	—	—	—	—	38.00	90999-73010
Y 1983～ G4×1626CC・86×70 LITEACE－YM20,25 TOWNACE－YM25,26 2Y 1983～ G4×1812CC・86×78 LITEACE－YM55,60 CRESSIDA-YX76 3Y 1983～ G4×1998CC・86×86 HILUX－YN60 4Y 1989～ G4×2237CC・91×86 HILUX－YN60,63	M041A	63-041-1	5	1～5	57.99	62.02	1.990	20.93	11701-71020
		63-041-2	5	1～5	57.99	62.02	1.990	20.93	11701-76013
	R041A	64-041-1	8	1～4	47.99	51.02	1.490	19.90	13041-71021 13041-71020
	T018A	65-018-1	2	3	—	—	2.490	—	11011-25010
		65-018-2	2	3	—	—	2.490	—	
	C041A	62-041-1	1	1	46.46	50.03	1.770	18.00	11802-73010
		62-041-2	1	2	46.21	49.78	1.770	16.00	11802-71010
		62-041-3	1	3	45.96	49.03	1.520	18.00	
		62-041-4	1	4	45.71	49.32	1.770	16.00	
		62-041-5	1	5	45.46	49.53	2.020	18.00	

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1Z 1990~ D4×2953CC · 96×102 FORKLIFT	M721A	63-721-1	5	1~5	73.99	78.02	1.985	25.60	11701-78300
		63-721-2	5	1~5	73.99	78.02	1.985	25.60	
	R032A	64-032-1	8	1~4	54.98	58.02	1.485	25.60	13281-68020 13041-76014 13041-76013 13041-76012
	T721A	65-721-1	2	—	—	—	2.480	—	11011-78300
		65-721-2	2	—	—	—	2.480	—	
	C721A	62-721-1	1	1	51.15	55.23	2.000	22.00	11802-78301
		62-721-2	1	2	50.95	51.23	2.100	22.00	
		62-721-3	1	3	50.75	55.43	2.300	24.00	
	C719A	62-721-1	1	1	51.15	55.23	2.000	22.00	11802-78300
		62-034-2	1	2	50.95	55.03	2.000	20.00	
		62-719-3	1	3	50.75	55.03	2.100	24.00	
	P721H	67-721-1	4	1~4	32.00	36.03	2.030	31.00	90384-32951 90384-32950
2Z 1994~ D4×3469CC FORKLIFT 6FD28,30 7FD20,30	M727A	63-727-1	5	1~5	73.99	78.02	1.985	22.50	11701-78700
		63-727-2	5	1~5	73.99	78.02	1.985	22.50	
	R032A	64-032-1	8	1~4	54.98	58.02	1.485	25.60	13041-68040 13041-76012
11Z 1990~ D6×4429CC · 96×102 FORKLIFT	M722A	63-721-1	7	1~7	73.99	78.02	1.985	25.60	11701-78330 11701-78300
		63-721-2	7	1~7	73.99	78.02	1.985	25.60	
	R034A	64-032-1	12	1~6	54.98	58.02	1.485	25.60	13041-76014 13041-76013 13041-76012
	T721A	65-721-1	2	—	—	—	2.480	—	11077-78300
		65-721-2	2	—	—	—	2.480	—	
	C722A	62-722-1	1	1	51.35	55.43	2.000	24.00	11802-78330
		62-721-1	1	2	51.15	55.23	2.000	22.00	
		62-721-2	1	3	50.95	51.23	2.100	22.00	
		62-721-3	1	4	50.75	55.43	2.300	24.00	
	P722H	67-721-1	6	1~6	32.00	36.03	2.030	31.00	90384-32951 90384-32950
13Z 1996~ D4×4616CC FORKLIFT 6FD45 7FD30,40,45	M728A	63-727-1	7	1~5	73.99	78.02	1.985	22.50	11701-78700
		63-727-2	7	1~5	73.99	78.02	1.985	22.50	
	R034A	64-032-1	12	1~6	54.98	58.02	1.485	25.60	13041-76014 13041-76013 13041-76012

TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POS- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1ZR-FE 2006~ G4×1,598cc · 80.5×78.5 COROLLA -ZRE120 · 151 AURIS -ZRE151	M734A1	63-734-1	5	1~5	47.99	52.02	1.997	17.20	11701-37010
		63-734-2	5	1~5	47.99	52.02	1.997	17.20	11701-37020
	R734A	64-734-1	8	1~4	44.01	47.02	1.493	14.50	13041-37010 13281-37010
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11011-22020
2ZR-FE 2006~ G4×1,797cc · 80.5×88.3 ALLION -ZRT260/265 PREMIO -ZRT260/265 COROLLA -ZRE142/152 COROLLA AXIO -ZRE142/144 COROLLA FIELDER -ZRE142/144 COROLLA RUMIOM -ZRE152/154 AURIS -ZRE152/154 YARIS -ZSP90 ist -ZSP110 MATRIX -ZRE142 SCIOM XD-ZSP110 PONTIAC VIBE -ZRE142	C734A	62-734-1	2	1	34.47	37.53	1.514	23.30	11811-37010
		62-734-2	2	1	34.47	37.53	1.514	23.30	11821-37010
	M734A1	63-734-1	5	1~5	47.99	52.02	1.997	17.20	11701-37010
		63-734-2	5	1~5	47.99	52.02	1.997	17.20	11701-37010
	R744A	64-744-1	8	1~4	46.99	50.02	1.493	14.50	13041-37030 13281-37030
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11011-22020
	C734A	62-734-1	2	1	34.47	37.53	1.514	23.30	11811-37010
		62-734-2	2	1	34.47	37.53	1.514	23.30	11821-37010
	M734A1	63-734-1	5	1~5	47.99	52.02	1.997	17.20	11701-37010
		63-734-2	5	1~5	47.99	52.02	1.997	17.20	11701-37010
3ZR-FE 2007~ G4×1,986cc · 80.5×97.6 NOAH -ZRR70W-APXSP VOXY -ZRR70W-BPXSP	M734A1	63-734-1	5	1~5	47.99	52.02	1.997	17.20	11701-37010
		63-734-2	5	1~5	47.99	52.02	1.997	17.20	11701-37010
	R744A	64-744-1	8	1~4	46.99	50.02	1.493	14.50	13041-37030 13281-37030
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11011-22020
3ZR-FAE 2007~ G4×1,986cc · 80.5×97.6 NOAH -ZRR70W-APXSP VOXY -ZRR70W-BPXSP PREMIO -ZRR261-AEXGP ALLION -ZRT261-CEXGP WISH -ZGE22W-HWXQP Isis -ZGM11W-AWXSP	C734A	62-734-1	2	1	34.47	37.53	1.514	23.30	11811-37010
		62-734-2	2	1	34.47	37.53	1.514	23.30	11821-37010
	M734A1	63-734-1	5	1~5	47.99	52.02	1.997	17.20	11701-37010
		63-734-2	5	1~5	47.99	52.02	1.997	17.20	11701-37010
	R744A	64-744-1	8	1~4	46.99	50.02	1.493	14.50	13041-37030 13281-37030
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11011-22020
	C734A	62-734-1	2	1	34.47	37.53	1.514	23.30	11811-37010
		62-734-2	2	1	34.47	37.53	1.514	23.30	11821-37010
	M734A1	63-734-1	5	1~5	47.99	52.02	1.997	17.20	11701-37010
		63-734-2	5	1~5	47.99	52.02	1.997	17.20	11701-37010
1ZZ-FE 1997~ G4×1794CC · 79×91.5 MATRIX AVENSIS	M715A	63-715-1	5	1~5	47.99	52.02	1.997	17.00	11701-22011
		63-715-2	5	1~5	47.99	52.02	1.997	17.00	11701-0D010 11701-22010 11071-22010
	R715A	64-715-1	8	1~4	43.99	47.02	1.488	15.70	13041-22024 13041-22020 13041-22021 13041-22022 13041-22023
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11011-22020
	P								90999-73140
	M715A	63-715-1	5	1~5	47.99	52.02	1.997	17.00	11701-22011
		63-715-2	5	1~5	47.99	52.02	1.997	17.00	11701-0D010 11701-22010 11071-22010
	R715A	64-715-1	8	1~4	43.99	47.02	1.488	15.70	13041-22024 13041-22020 13041-22021 13041-22022 13041-22023
	T715A	65-715-1	2	3	—	—	2.480	—	11791-22020 11011-22020

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
A10 (100A) 1966~ G4×988CC · 73×59 SUNNY -B10,20,VB10 CHERRY -E10,VE10,KE10 C20,VC20 PULSAR -BLN10	M061H	63-060-1	2	1,3	49.95	53.67	1.835	22.10	12207-M7701 12207-M7700 12207-18012
		63-060-2	2	1,3	49.95	53.67	1.835	22.10	
		63-060-(4)	1	2	49.95	53.67	1.835	26.95	
		63-060-(5)	1	2	49.95	53.67	1.835	26.95	
	R060H	64-060-1	8	1~4	44.96	48.02	1.503	19.60	12111-20900 12111-20910
	C060L	62-060-1	1	1	43.73	47.03	1.580	23.50	13002-H1020 13002-18000
		62-060-2	1	2	43.28	46.52	1.580	14.00	
		62-060-3	1	3	42.79	46.02	1.580	14.00	
		62-060-4	1	4	42.29	45.52	1.580	14.00	
		62-060-5	1	5	41.22	44.46	1.580	14.00	
A12 (120A) 1970~ G4×1171CC · 73×70 SUNNY -B120,LB210 CHERRY -F10,KF10,F11 PULSAR -KPLE10,LN10 A13 1975~81 G4×1270CC · 76×76 A14 (140A,140J) 1974~82 G4×1397CC · 76×82 SUNNY -HB211,310 CHERRY -KPF10 PULSAR -HN10 A15 (150Y) 1980~ G4×1487CC · 76×82 SUNNY -HLB11,KLB11 WHLB11,PB310 VANETTE -VPC22,VPJC22	M060H	63-060-1	2	1,5	49.95	53.67	1.835	22.10	12207-M7201 12207-M7200 12207-M5601 12207-M5600 12207-H1001 12207-H1000
		63-060-2	2	1,5	49.95	53.67	1.835	22.10	
		63-060-3	4	2,4	49.95	53.67	1.835	18.10	
		63-060-(4)	1	3	49.95	53.67	1.835	26.95	
		63-060-(5)	1	3	49.95	53.67	1.835	26.95	
	R060H	64-060-1	8	1~4	44.96	48.02	1.503	19.60	12111-20910 12111-20900
	C060L	62-060-1	1	1	43.73	47.03	1.580	23.50	13002-H1020
		62-060-2	1	2	43.28	46.52	1.580	14.00	
		62-060-3	1	3	42.79	46.02	1.580	14.00	
		62-060-4	1	4	42.29	45.52	1.580	14.00	
		62-060-5	1	5	41.22	44.46	1.580	14.00	
CA16 1979~91 G4×1598CC · 78×83.6 BLUEBIRD-RJ910 STANZA -T11,FT11 AUSTER -KT11 CA18 1981~ G4×1809CC · 83×83.6 BLUEBIRD-VJ910 STANZA -PT11 PRAIRIE -PM10 CA20 1981~ G4×1973CC · 84.5×83.6 BLUEBIRD-YU11 CEDRIC -VNY30	M083H	63-083-1	4	1,2,4,5	52.95	56.68	1.829	22.10	12207-01E00 12207-D0200
		63-083-2	4	1,2,4,5	52.95	56.68	1.829	22.10	
		63-083-(3)	1	3	52.95	56.68	1.829	27.94	
		63-083-(4)	1	3	52.95	56.68	1.829	27.94	
	R083H	64-083-1	8	1~4	44.96	48.01	1.500	18.60	12111-03E00 12111-D4200 12111-D4201 12111-D4202 12111-01E00 12111-D0210 12111-D0200

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
CD17 1982~ D4×1680CC · 80×83.6 SUNNY -SB11,WSB11 VSB11 PULSAR -VSB11	M083H (UP TO '83/7)	63-083-1	4	1,2,4,5	52.95	56.68	1.829	22.10	12207-D0200
		63-083-2	4	1,2,4,5	52.95	56.68	1.829	22.10	
		63-083-(3)	1	3	52.95	56.68	1.829	27.94	
		63-083-(4)	1	3	52.95	56.68	1.829	27.94	
	M095A (AFTER '83/7)	63-095-1	4	1,2,4,5	52.94	56.68	1.828	20.10	12207-57J00 12207-54A00 12261-54A00
		63-095-2	4	1,2,4,5	53.94	56.68	1.828	20.10	
		63-095-(3)	1	3	54.94	56.68	1.828	27.94	
		63-095-(4)	1	3	55.94	56.68	1.828	27.94	
	R083H	64-083-1	8	1~4	44.96	48.01	1.500	18.60	12111-16A00
CD20 1990~ G4×1973CC · 84.5×88 VANETTE -KVC23,KVNC23 VVJC23	M095A	63-095-1	4	1,2,4,5	52.94	56.68	1.828	20.10	12207-57J00 12261-54A00
		63-095-2	4	1,2,4,5	52.94	56.68	1.828	20.10	
		63-095-(3)	1	3	52.94	56.68	1.828	27.94	
		63-095-(4)	1	3	52.94	56.68	1.828	27.94	
	R095A	64-095-1	8	1~4	49.95	53.01	1.498	20.10	12111-22J00 12111-22J01 12111-22J02
D11 1966~78 G4×1138CC · 73×68 FORKLIFT -FG001,003,103 D12 1968~70 G4×1198CC · 73×71.6 CABSTAR -A320	M055H	63-055-1	4	1,3	52.29	56.03	1.840	30.10	12263-B0801 12263-19900
		63-055-2	2	2	52.29	56.03	1.840	34.10	
	R055H	64-055-1	8	1~4	43.96	47.02	1.505	25.10	12111-B0801
	T051H	65-051-1	2	2	—	—	2.300	—	12280-B5225
		65-051-2	2	2	—	—	2.300	—	
E10 1981~91 G4×988CC · 73×59 E13 1981~91 G4×1270CC · 76×70 SUNNY -B11 PULSAR -RPN12,EUN10 ADVAN -VB11 E15, E15E 1981~91 G4×1487CC · 76×82 SUNNY -HB11 PULSAR -MN10 PRAIRE -BM10 E16 1983~88 G4×1597CC · 76×88	M068H	63-068-1	4	1,5	49.95	53.67	1.835	22.10	12207-17M00 12207-11M00 12207-01M00
		63-068-2	4	2,4	49.95	53.67	1.835	18.10	
		63-068-(3)	2	3	49.95	53.67	1.835	26.95	
	R068H	64-068-1	8	1~4	39.95	43.01	1.500	17.00	12111-17M20 12111-17M00 12111-11M21 12111-11M20 12111-11M00

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
G16 (160K) 1972~75 G4×1593CC · 85×70.2 SKYLINE -C110,KC110 G18 (180K) 1969~75 G4×1815CC · 85×80 LAUREL -C20,130,KC130 SKYLINE -PC10,110 G20 1970~74 G4×1990CC · 89×80 LAUREL -PC30,KPC130	M071H	63-071-1	10	1~5	55.97	61.01	2.495	28.10	12215-78510
	R071H	64-071-1	8	1~4	49.97	53.02	1.495	23.00	12150-29910
	T071H	65-071-1 65-071-2	2 2	2 2	—	—	1.970 1.970	—	12280-78510
GA13 1990~ G4×1295CC · 71×81.8 GA14 1988~ G4×1392CC GA15 1987~ G4×1497CC · 73.6×88 SUNNY -FB13,WFNY10 PULSAR -FN14 GA16 1986~ G4×1596CC · 76×88 SUNNY -EB13 PULSAR -EN14 TSURU -B13(MEXICO)	M094A	63-094-1 63-094-2	5 5	1~5 1~5	49.96 49.96	53.67 53.67	1.830 1.830	16.10 16.10	12207-53Y00 12207-50Y00 12207-77A10 12207-77A00
	R094A	64-094-1	8	1~4	39.97	43.01	1.505	17.10	12111-53Y00 12111-50Y00 12111-77A00
	T094A	65-094-1	2	—	—	—	1.970	—	12280-53Y00 12280-77A00
H20 (200C) 1967~82 G4×1982CC · 87.2×83 JUNIOR -140,141,L140 CIVILIAN -GH240,340 CAB-ALL -C240,340,341 CARAVAN -PE20,PSE20,21 CLIPER -R655,RT140 HOMY -PE20,PGE23 FORKLIFT -FG004,005	M053H1	63-053-1 63-053-2 63-053-(3)	4 4 2	1,5 2,4 3	62.94 62.94 62.94	66.67 66.67 66.67	1.835 1.835 1.835	28.00 22.00 33.95	12207-E0702 12207-78400 12207-78200
	R052H	64-052-1	8	1~4	51.96	55.02	1.505	24.13	12111-P5112 12111-P5110 12111-P5100 12111-12210
	C052L	62-052-1 62-052-2 62-052-3	1 1 1	1 2 3	45.43 43.90 41.22	48.66 47.14 44.45	1.575 1.575 1.575	24.00 22.00 24.00	13002-71204 13002-71200 13002-32200
	P052H	67-052-1	4	1~4	21.99	24.02	1.012	28.50	12030-32200
	P052HS	67-052-1S	4	1~4	—	—	—	—	12030-32200/NB
HR15DE 2004~ G4×1498CC · 78×78.4 TIIDA -C11 WINGROAD-Y12 MARCH -K12 NOTE -E11 CUBE -Z11 BLUEBIRD SYLPHY -G11 JUKE SUNNY -B17	M1056A	63-1056-1	10	1~5	47.97	52.01	2.005	16.10	12215-BC20A
	R1056A	64-1056-1 64-1056-2	4 4	1~4 1~4	39.96 39.96	43.01 43.01	1.510 1.510	15.00 15.00	12150-BC20C
	T1056A	65-1056-1	2	2	—	—	1.950	—	12280-BC20A

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
J 1965~69 G4×1299CC · 73×77.6 BLUEBIRD-P441,PL441 WP441,VP441 TRUCK -520,521,620	M051H	63-051-1	6	1~3	50.81	54.52	1.830	31.13	12231-13200
	R051H	64-051-1	8	1~4	47.64	51.35	1.830	22.13	12111-16700 12111-B3000 12111-09405
	T051H	65-051-1 65-051-2	2 2	2 2	— —	— —	2.300 2.300	— —	12280-B5225 12280/1-B3000 12280/1-13200
	C051L	62-051-1 62-051-2 62-051-3	1 1 1	1 2 3	45.53 43.91 41.22	48.66 47.14 44.45	1.575 1.575 1.575	37.30 22.00 20.70	13002-B5000 13002-13200
J13 1970~75 G4×1299CC · 73×77.6 TRUCK -521,620 J15 (E20) 1971~79 G4×1483CC · 78×77.6 CARAVAN -SE20 HOMY -F20,VF20 TRUCK -N521,NL620 GN620,UN620 GL620,GNL620 KNG620,UN512 620 FORKLIFT -FG205,NF025 CABSTAR -PA321,F20,UF20 J16 (E20) 1972~85 G4×1567CC · 78×82 CARAVAN -VE20,GKE20 HOMER -T20,ML720 MLF720 J18	M059H	63-059-1	6	1~3	50.81	54.52	1.830	28.13	12231-01W00 12231-B5000 12231-A3801 12231-K20G2
	R051H	64-051-1	8	1~4	47.64	51.35	1.830	22.13	12111-16700 12111-B3000 12111-09405
	R059H (FOR J18)	64-059-1	8	1~4	47.64	51.35	1.830	20.10	12111-515RP
	R069H1 (FOR MEXICO)	64-069-1	8	1~4	47.63	50.67	1.500	20.10	12111-24WG0
	T051H	65-051-1 65-051-2	2 2	2 2	— —	— —	2.300 2.300	— —	12280-B5225
	C051L	62-051-1 62-051-2 62-051-3	1 1 1	1 2 3	45.53 43.91 41.22	48.66 47.14 44.45	1.575 1.575 1.575	37.30 22.00 20.70	13002-B5000 13002-13200
KA24 1988~ G4×2388CC PICK UP	M084H1	63-084-1 63-084-2 63-084-(3) 63-084-(4)	4 4 1 1	1,2,4 1,2,4 3 3	59.95 59.95 59.95 59.95	63.67 63.67 63.67 63.67	1.835 1.835 1.835 1.835	19.00 19.00 26.95 26.95	12207-40F00 12261-40F00
	R084H	64-084-1	8	1~4	49.96	53.01	1.508	20.00	12111-53F00 12111-40F00

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
L13 1967~70 G4×1296CC · 83×59.9 BLUEBIRD-510,W510,V510 L14 (140J) 1970~77 G4×1428CC · 83×66 BLUEBIRD-N510,VN510 VIOLET -JK710,J710 SUNNY -PB110,PB210 L16 (160B) 1967~89 G4×1595CC · 83×73.7 BLUEBIRD-P510,WP510 VP510,V610 K610,L610 LJ810,TJ910 SKYLINE -BC111,VEC110 STANZA -GPA10 AUSTER -PA10Y SUNNY -GB211 L18 (180B, 180K) 1970~81 G4×1770CC · 85×78 BLUEBIRD-H510,P610 WP610,LPL810 PJ811,PLJ810 SKYLINE -HC111,PC210 SILVIA -S10 LAUREL -BC131,PC230	M054H	63-054-1	2	1,5	54.94	58.67	1.835	26.13	12207-W3400 12207-23001 12207-23000
		63-054-2	2	1,5	54.94	58.67	1.835	26.13	
		63-054-3	4	2,4	54.94	58.67	1.835	24.13	
		63-054-(4)	2	3	54.94	58.67	1.835	31.95	
	R054H1	64-054-1	8	1~4	49.96	53.01	1.500	22.13	12111-V0715 12111-V0705 12111-V0700 12111-F5100 12111-73400 12111-21000
L20 (200C, 200L) 1966~87 G6×1998CC · 78×69.7 BLUEBIRD-KG610,RG810 CEDRIC -130,230,331 FAIRLADY -SS30,31,130 LAUREL -HC130,131,231 SKYLINE -GC10,110,210 L24 (240C, 240L, 240Z) 1972~87 G6×2393CC · 83×73.7 FAIRLADY -HS30,430,810 240Z SUNNY -PB110,PB210 L26 (260C, 260Z) 1972~78 G6×2565CC · 83×79 CEDRIC -KHF230 FAIRLADY -RS30 LAUREL -MC130,KMC130 L28 (280C, 280Z) 1975~ G6×2753CC · 86×79 CEDRIC -P330,331,430 FAIRLADY -HS130 LAUREL -SC130,NC130	M057H	63-054-1	2	1,7	54.94	58.67	1.835	26.13	12207-73400
		63-057-2	2	1,7	54.94	58.67	1.835	26.13	
		63-054-3	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-057-4	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-054-(4)	1	4	54.94	58.67	1.835	31.95	
		63-057-(6)	1	4	54.94	58.67	1.835	31.95	
	R057H1	64-054-1	12	1~6	49.96	53.01	1.500	22.13	12111-V0700 12111-73400

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
L20B 1974～80 G4×1952CC・85×86 TRUCK -PL80,510,620 720,810,200SX	M066H2	63-066-1	1	1	59.94	63.66	1.835	26.13	12207-U6001 12207-U6000
		63-066-2	1	5	59.94	63.66	1.835	26.13	
		63-066-3	2	1,5	59.94	63.66	1.835	26.13	
		63-066-4	2	2,4	59.94	63.66	1.835	24.13	
		63-066-5	2	2,4	59.94	63.66	1.835	24.13	
		63-066-(6)	1	3	59.94	63.66	1.835	31.95	
		63-066-(7)	1	3	59.94	63.66	1.835	31.95	
	R054H1	64-054-1	8	1～4	49.96	53.01	1.495	22.13	12111-V0700 12111-73400
L20E (200K, 200L), L20A 1980～ G6×1998CC・78×69.7 CEDRIC -K430,P430,V431 FAIRLADY -S130,GS130 LAUREL -HC31,HJC31 SKYLINE -HR30,RHR30	M057H	63-054-1	2	1,7	54.94	58.67	1.835	26.13	12207-73400
		63-057-2	2	1,7	54.94	58.67	1.835	26.13	
		63-054-3	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-057-4	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-054-(4)	1	4	54.94	58.67	1.835	31.95	
		63-057-(6)	1	4	54.94	58.67	1.835	31.95	
	R086H	64-083-1	12	1～6	44.97	48.01	1.500	18.60	12111-D0200 12111-D0210
LD20, LD20T 1978～83 D4×1952CC・85×86 SKYLINE -VSJR30,VSC211 BLUEBIRD -KEJ910 LAUREL -KSJC31 VANETTE -EC120,EGC120	M066H2	63-066-1	1	1	59.94	63.66	1.835	26.13	12207-U6000 12207-U6001
		63-066-2	1	5	59.94	63.66	1.835	26.13	
		63-066-3	2	1,5	59.94	63.66	1.835	26.13	
		63-066-4	2	2,4	59.94	63.66	1.835	24.13	
		63-066-5	2	2,4	59.94	63.66	1.835	24.13	
		63-066-(6)	1	3	59.94	63.66	1.835	31.95	
		63-066-(7)	1	3	59.94	63.66	1.835	31.95	
	R054H1	64-054-1	8	1～4	49.96	53.01	1.495	22.13	12111-V0700 12111-73400
	P054H (78/4～82/9)	67-054-1	4	1～4	24.99	28.02	1.497	26.70	12030-V0700
LD20 1983～ D4×1952CC・85×86	M069H1	63-069-1	2	1,5	59.94	63.66	1.835	22.10	12215-G5525～8 12231-G5525～8 12247-G5525～8 12207-05E00
		63-069-2	4	1,2,4,5	59.94	63.66	1.835	22.10	
		63-069-3	2	2,4	59.94	63.66	1.835	22.10	
		63-066-(6)	1	3	59.94	63.66	1.835	31.95	
		63-066-(7)	1	3	59.94	63.66	1.835	31.95	
	R054H1	64-054-1	8	1～4	49.96	53.01	1.495	22.13	12111-V0700 12111-73400
LD28 (280C) 1980～86 D6×2792CC・84.5×83 SKYLINE -EJ910 CEDRIC -H430	M057H	63-054-1	2	1,7	54.94	58.67	1.835	26.13	12207-73400
		63-057-2	2	1,7	54.94	58.67	1.835	26.13	
		63-054-3	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-057-4	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-054-(4)	1	4	54.94	58.67	1.835	31.95	
		63-057-(6)	1	4	54.94	58.67	1.835	31.95	
	R057H1	64-054-1	12	1～6	49.96	53.01	1.495	22.13	12111-V0700 12111-73400

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
MA09 1988~92 G4×933CC · 66×68 MA10 1982~91 G4×987CC · 68×68 MA10ET 1985~91 G4×987CC · 68×68 MA10S 1982~ G4×987CC · 68×68 MARCH -K10,Y10	M093A	63-093-1	5	1~5	44.94	49.02	2.004	17.10	12223-21B00 12215-21B00 12215-01B10 12216-01B10 12111-17B00 12111-01B11 12111-01B10 12111-01B00 12280-01B00 12280-01B01
		63-093-2	5	1~5	44.94	49.02	2.004	17.10	
	R093A	64-093-1	8	1~4	39.94	43.01	1.500	15.10	
MR18DE 2004~ G4×1797CC · 84×81.1 TIIDA -JC11,SC11 WINGROAD-Y12 AD EXPERT-Y12 LIVINA GENISS CUBE MR20DE 2004~ G4×1997CC · 84×90.1 LAFESTA -B30 SERENA -C25 BLUEBIRD SILFY -G11 SENTRA -B16 DUALIS/QASHQAI -J10 X-TRAIL -T31 RENAULT MEGANE SCENIC FLUENCE LAGUNA	M1054A	63-1054-1	10	1~5	52.00	56.01	1.990	17.10	12215-CK800 12150-CK80A 12280-CK825
	R1054A	64-1054-1	4	1~4	44.00	47.01	1.495	16.10	
		64-1054-2	4	1~4	44.00	47.01	1.495	16.10	
NA16S G4×1627CC DATSUN -D21 ATLAS -F22 · F23	M1057A	63-070-1	4	1,2,4,5	54.95	58.65	1.835	19.00	12207-85G00 12261-84G00 12111-85G00
		63-070-2	4	1,2,4,5	54.95	58.65	1.835	19.00	
		63-1057-(3)	1	3	54.95	58.65	1.835	31.95	
		63-1057-(4)	1	3	54.95	58.65	1.835	31.95	
NA20 G4×1998CC	R070A	64-070-1	8	1~4	49.98	53.01	1.502	22.00	12261-85G00 12207-85G00 12111-85G00
NA16S G4×1627CC DATSUN -D21 ATLAS -F22 · F23	M1057A	63-070-1	4	1,2,4,5	54.95	58.65	1.835	19.00	12261-85G00 12207-85G00 12111-85G00
		63-070-2	4	1,2,4,5	54.95	58.65	1.835	19.00	
		63-070-(3)	1	3	54.95	58.65	1.835	26.95	
		63-070-(4)	1	3	54.95	58.65	1.835	26.95	
NA20 G4×1998CC	R070A	67-070-1	8	1~4	49.98	53.01	1.502	22.00	12261-85G00 12207-85G00 12111-85G00

NISSAN

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
P, PF 1960~80 G6×3956CC · 85.7×114.3 PATROL -LG60,61 VLG160 CABSTAR -E690 TRUCK -680,681,780 FIRE ENGINE -FR40,41,FG160	M072H	63-072-(1)	1	1	68.20	73.03	2.370	43.63	12207-58010
		63-072-(2)	1	1	68.20	73.03	2.370	43.63	
		63-072-3	4	2,3,5,6	69.28	73.03	1.835	26.10	
		63-072-4	4	2,3,5,6	69.28	73.03	1.835	26.10	
		63-072-5	1	4	69.28	73.03	1.835	41.10	
		63-072-6	1	4	69.28	73.03	1.835	41.10	
		63-072-7	1	7	69.28	73.03	1.835	49.10	
		63-072-8	1	7	69.28	73.03	1.835	49.10	
	R072H	64-072-1	12	1~6	57.13	60.20	1.508	26.10	12111-58010
	C072L	62-072-1	1	1	49.12	52.71	1.645	29.20	13002-58000
		62-072-2	1	2	48.92	52.27	1.645	19.20	
		62-072-3	1	3	48.62	51.97	1.645	19.20	
		62-072-4	1	4	48.31	51.66	1.645	31.90	
P40, PF40 1981~ G6×3956CC · 85.7×114.3 PATROL -ULG160 FIRE ENGINE -FG160,161	M073H1	63-073-(1)	1	1	69.28	73.03	1.835	40.48	12207-L6200
		63-073-(2)	1	1	69.28	73.03	1.835	40.48	12207-L6201
		63-072-3	4	2,3,5,6	69.28	73.03	1.835	26.10	12207-L6000
		63-072-4	4	2,3,5,6	69.28	73.03	1.835	26.10	12207-L6001
		63-072-5	1	4	69.28	73.03	1.835	41.10	12207-L6002
		63-072-6	1	4	69.28	73.03	1.835	41.10	12207-C6001
		63-072-7	1	7	69.28	73.03	1.835	49.10	
		63-072-8	1	7	69.28	73.03	1.835	49.10	
	R072H	64-072-1	12	1~6	57.13	60.20	1.508	26.10	12111-58010
	C072L	62-072-1	1	1	49.12	52.71	1.645	29.20	13002-C6005
		62-072-2	1	2	48.92	52.27	1.645	19.20	13002-58000
		62-072-3	1	3	48.62	51.97	1.645	19.20	
		62-072-4	1	4	48.31	51.66	1.645	31.90	
QR20 2001~ G4×1998CC · 89.0×80.3 X-TRAIL -TD30 PRIMERA -P12 SERENA -C24 QR25 2001~ G4×2488CC · 89.0×100.0 X-TRAIL -T30 PRESAGE SERENA -C24	M1052A	63-1052-1	4	1,2,4,5	54.96	58.97	1.980	20.00	12207-6N210
		63-1052-2	1	3	54.96	58.97	1.980	23.40	12261-6N210
		63-1052-3	5	1~5	54.96	58.97	1.980	20.00	
	R1052A	64-1052-1	8	1~4	44.96	48.02	1.511	19.00	12111-6N200
	T1052A	65-1052-1	2	—	—	—	2.450	—	12280/81-6N210
		65-1052-2	2	—	—	—	2.450	—	12280/81-6N20A
	P1052H	67-1052-1	4	1~4	19.99	22.02	1.180	22.09	12030-6N20A
	P1052HS	67-1052-1S	4	1~4	—	—	—	—	12030-6N20A/NB
RD28, RD28-T 1983~ D6×2825CC · 85×83 CEDRIC -UY30 GLORIA -UY30 SKYLINE -SR31	M097A	63-097-1	6	1,2,3,5,6,7	54.98	58.67	1.830	19.90	12207-V7200
		63-097-2	6	1,2,3,5,6,7	54.98	58.67	1.830	19.90	12209-V7200
		63-097-(3)	1	4	54.98	58.67	1.830	26.95	12261-42L00
		63-097-(4)	1	4	54.98	58.67	1.830	26.95	
	R097A	64-095-1	12	1~6	49.95	53.01	1.498	20.10	12111-V7202
									12111-V7201
									12111-V7200

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
SR18 1989~ G4×1838CC · 82.5×86 BLUEBIRD-EU12,EU13 ENU12,KEU12 SUNNY -HNB13 PULSAR -HN14 SR20 1989~ G4×1998CC · 86×86 BLUEBIRD-HNU12,HNU13 HU12,HU13 PRIMERA -HP10,FHP10 SILVIA -PS13,RPS13 AVENIR -PNW10	M098H	63-098-1 63-098-2	5 5	1~5 1~5	54.96 54.96	58.97 58.97	1.990 1.990	19.10 19.10	12207-60J00
	R098H	64-098-1	8	1~4	47.96	51.01	1.510	17.10	12111-60J00 12111-1N501
	T098H	65-098-1	2	—	—	—	1.970	—	12280-60J00
TB42 1987/10~ G6×4169CC · 96×96 SAFARI	M074A	63-074-1 63-074-2 63-074-(3) 63-074-(4)	6 6 1 1	1~5,7 1~5,7 6 6	70.95 70.95 70.95 70.95	75.00 75.00 75.00 75.00	2.007 2.007 2.007 2.007	26.00 26.00 31.95 31.95	12207-03J10 12207-03J00
	R074A	64-074-1	12	1~6	56.96	60.01	1.510	26.10	12111-03J10 12111-03J00
U20 1967~70 G4×1982CC · 87.2×83 FAIRLADY -SR311,SRL311	M053H1	63-053-1 63-053-2 63-053-(3)	4 4 2	1,5 2,4 3	62.94 62.94 62.94	66.67 66.67 66.67	1.835 1.835 1.835	28.00 22.00 33.95	12207-E0702 12207-78400 12207-78200
	R052H	64-052-1	8	1~4	51.96	55.02	1.505	24.13	12111-P5112 12111-P5100
	C052L	62-052-1 62-052-2 62-052-3	1 1 1	1 2 3	45.43 43.90 41.22	48.66 47.14 44.45	1.575 1.575 1.575	24.00 22.00 24.00	13002-71204
	P052H	67-052-1	4	1~4	21.99	24.05	1.270	28.50	12030-32200
VG30E 1983~ GV6×2960CC · 87×83 CEDRIC -PY30,KPY30 FAIRLADY -MZ31,MGZ31 LEOPARD -VG30 MAXIMA -U11 300ZX -Z31 VG33E 1996~ GV6×3274CC · 91.5×83 PATHFINDER -R50 PICK UP	M088H	63-088-1 63-088-2 63-088-3 63-088-4 63-088-(5) 63-088-(6)	1 1 2 2 1 1	1 1 2,3 2,3 4 4	62.98 62.98 62.98 62.98 62.98 62.98	66.67 66.67 66.67 66.67 66.67 66.67	1.827 1.827 1.827 1.827 1.827 1.827	22.60 22.60 19.10 19.10 28.84 28.84	12214-40V00 12230-40V00 12261-40V00 12215-02P25 12231-02P25 12261-02P00 12214-02P00 12230-02P00 12261-02P00
	R088H	64-088-1	12	1~6	49.97	53.01	1.505	17.13	12111-02P00 12111-40V10
VQ20 1994~ GV6×1995CC · 76×73.3	M099H	63-099-1 63-099-2	4 4	1~4 1~4	59.95 59.95	64.02 64.02	2.009 2.009	20.10 20.10	12207-31U00
	R099H	64-099-1	12	1~6	44.96	48.01	1.509	17.01	12111-31U10
	T099A	65-099-1 65-099-2	2 2	— —	— —	— —	1.950 1.950	— —	12281-31U00 12280-31U00

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
VQ25 1994～ GV6×2495CC・85×73.3 VQ30 1994～ GV6×2987CC・93×73.3	M099H	63-099-1	4	1～4	59.95	64.02	2.009	20.10	12207-31U00
		63-099-2	4	1～4	59.95	64.02	2.009	20.10	
	R100H	64-100-1	12	1～6	49.96	53.01	1.505	17.10	12111-4P110
	T099A	65-099-1	2	—	—	—	1.950	—	12281-31U00
		65-099-2	2	—	—	—	1.950	—	12280-31U00
VQ35 2001～ GV6×3498CC・95.5×81.4 PATHFINDER,MAXIMA FAIRLADY,SKYLINE,FUGA TEANA,PRESAGE ELGRAND,PARAMEDIC QUEST,MURANO	M099H	63-099-1	4	1～4	59.95	64.02	2.009	20.10	12207-31U00
		63-099-2	4	1～4	59.95	64.02	2.009	20.10	
	R1058H	64-1058-1	12	1～6	51.96	55.01	1.505	17.10	12111-4W000 12111-JA11C
	T099A	65-099-1	2	—	—	—	1.950	—	12281-31U00 12280-31U00
		65-099-2	2	—	—	—	1.950	—	
YD22 D4×2148CC YD25 1999～ D4×2488CC・89×100	M1050A	63-1050-1	5	1～5	62.98	66.68	1.826	20.00	12207-ES60A
		63-1050-2	5	1～5	62.98	66.68	1.826	20.00	
	R1050A	64-1050-1	8	1～4	51.98	55.01	1.498	23.00	12111-AD20B
	T1050A	65-1050-1	2	3	—	—	1.950	—	12280-ES60A
	P1050H	67-1050-1	4	1～4	28.00	30.98	1.500	31.09	12030-5X00A 12030-AD200
	P1050HS	67-1050-1S	4	1～4	—	—	—	—	12030-5X00A/NB 12030-AD200/NB
Z16 1978～ G4×1595CC・83×73.3 BLUEBIRD -J811,KJ910 VIOLET -PA11,UPA11 STANZA -GPA11,FPA11 SKYLINE -PC211H,BC211 Z18 1978～ G4×1770CC・85×78 LAUREL -PC231 SKYLINE -PC211,WPC211 BLUEBIRD -P811,PJ811 KP910,WPJ910 STANZA -GRA11,FRA11	M054H	63-054-1	2	1,5	54.94	58.67	1.835	26.13	12207-W3400 12207-23001 12207-23000 12207-21000
		63-054-2	2	1,5	54.94	58.67	1.835	26.13	
		63-054-3	4	2,4	54.94	58.67	1.835	24.13	
		63-054-(4)	2	3	54.94	58.67	1.835	31.95	
	R054H1	64-054-1	8	1～4	49.96	53.01	1.495	22.13	12111-V0700 12111-73400 12111-F5100

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
Z20, Z20E 1975～ G4×1952CC・85×86 SILVIA -PS110,KPS110 LAUREL -KUC231 BLUEBIRD-KY910 SKYLINE -KUC231,UJR30 VANETTE -KEC120 KMC120 CARAVAN -PSE22,HE23 Z22 1982～ G4×2187CC・87×92 CABSTAR -ULH40 Z24 1982～ G4×2389CC・89×96 URVAN -CNLGE24	M066H2	63-066-1	1	1	59.94	63.66	1.835	26.13	12207-U6001 12207-U6000
		63-066-2	1	5	59.94	63.66	1.835	26.13	
		63-066-3	2	1,5	59.94	63.66	1.835	26.13	
		63-066-4	2	2,4	59.94	63.66	1.835	24.13	
		63-066-5	2	2,4	59.94	63.66	1.835	24.13	
		63-066-(6)	1	3	59.94	63.66	1.835	31.95	
		63-066-(7)	1	3	59.94	63.66	1.835	31.95	
	R054H1	64-054-1	8	1～4	49.96	53.01	1.495	22.13	12111-V0700 12111-73400
ZD30 1999～ D4×2953CC・96×102 CARAVAN -E25 TERANO -R50,R20 ELGRAND -E50 SAFARI -Y61 ATLAS -F24 CIVILIAN -W41	M1051A	63-1051-1	5	1～5	70.90	75.00	2.010	25.00	12207-2W211 12207-MA70A
		63-1051-2	5	1～5	70.90	75.00	2.010	25.00	
	R1051A	64-1051-1	8	1～4	56.90	60.00	1.508	26.10	12111-2W200 12111-2W20A
	T1051A	65-1051-1	2	3	—	—	2.300	—	12280-2W210

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

NISSAN DIESEL

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DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
BD30 1989~91 D4×2953CC · 96×102	M087H	63-087-1	5	1~5	70.90	75.00	2.013	26.00	12207-54T10
		63-087-2	5	1~5	70.90	75.00	2.013	26.00	
	R087H	64-087-1	4	1~4	56.90	60.01	1.513	26.10	12110-54T14 12111-54T10 12111-43G01
		64-089-1	4	1~4	56.90	60.01	1.513	26.10	
	T080H1	65-080-1	2	4	—	—	2.325	—	12280-37525~7
		65-080-2	2	4	—	—	2.325	—	
	C087A	62-087-1	1	1	50.71	53.83	1.520	22.50	13002-43G00 13002-54T00
		62-087-2	1	2	50.51	53.63	1.520	22.00	
		62-087-3	1	3	50.31	53.43	1.520	22.00	
		62-087-4	1	4	50.11	53.23	1.520	22.00	
		62-087-5	1	5	49.91	53.03	1.520	22.00	
ED30, ED304 1969~82 D4×2956CC · 98×98 CIVILIAN -HYC340 BISON -YC241,DYC341 CLIPPER -YT40R,YWT40R	M062H	63-062-1	5	1~5	75.92	80.00	1.995	28.00	12207-J2000
		63-062-2	4	1~4	75.92	80.00	1.995	28.00	
		63-062-3	1	5	75.92	80.00	1.995	28.00	
	R062H	64-062-1	8	1~4	59.92	64.00	1.998	34.00	12117-J2000
	T062H	65-062-1	2	4	—	—	3.000	—	12280-J2025~7
		65-062-2	2	4	—	—	3.000	—	
ED33, ED33-T 1978~86 D4×3298CC · 100×105 CONDOR -MH40,MHG40 BMH TRUCK -MGH40,RMH40 DMH40,MH400R FD33, FD33-T 1983~86 D4×3298CC · 100×105 CIVILIAN -FGW40	M082H	63-082-1	5	1~5	75.92	80.00	1.995	28.00	12207-J6510 12207-J6500
		63-082-2	5	1~5	75.92	80.00	1.995	28.00	
	R082H1	64-065-1	8	1~4	61.92	66.00	1.998	32.00	12117-Z5510 12117-Z5500 12117-Z5000
	T062H	65-062-1	2	4	—	—	3.000	—	12280-J2025~7
		65-062-2	2	4	—	—	3.000	—	
ED33 1986~ D4×3298CC · 100×105 ED35 1990~ D4×3465CC · 102.5×105 FD33, FD33-T 1986~ D4×3298CC · 100×105 FD35, FD35-T 1986~ D4×3465CC · 102.5×105	M082H	63-082-1	5	1~5	75.92	80.00	1.995	28.00	12207-J6510 12207-J6500
		63-082-2	5	1~5	75.92	80.00	1.995	28.00	
	R082H1	64-065-1	8	1~4	61.92	66.00	1.998	32.00	12111-01T00 12111-01T10 12117-Z5510 12117-Z5500
	T062H	65-062-1	2	4	—	—	3.000	—	12280-J2025~7
		65-062-2	2	4	—	—	3.000	—	

NISSAN DIESEL

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
ED6 1974～83 D6×5654CC・100×120 CONDOR -CM90 BUS -RM90 FD6, FD6-T 1973～ D6×5654CC・100×120 CONDOR -CM80 BUS -RM80	M065H1	63-065-1	7	1～7	75.92	80.00	1.995	26.00	12207-Z5325 12207-Z5225 12207-Z5125 12207-Z5025 12207-Z5510 12207-Z5500 12207-Z5000 12117-Z5510 12117-Z5500 12117-Z5000 12280-Z5025～7 12280-J2025～7	
		63-065-2	7	1～7	75.92	80.00	1.995	26.00		
	R065H1	64-065-1	12	1～6	61.92	66.00	1.998	32.00		
		T062H	65-062-1	2	6	—	—	3.000		—
	65-062-2		2	6	—	—	3.000	—		
	FE6, FE6-T 1984～ D6×6925CC・108×126 CONDOR -CP80,CM87 -RM81	M092H	63-092-1	7	1～7	77.93	83.00	2.500		27.00
63-092-2			7	1～7	77.93	83.00	2.500	27.00		
R092H		64-092-1	12	1～6	64.93	69.00	2.000	32.00		
		T092H	65-092-1	2	4	—	—	2.950	—	
65-092-2			2	4	—	—	2.950	—		
P067H		67-067-1	6	1～6	35.99	40.00	2.015	39.10		
	FD42 1991～ D4×4214CC ATLAS -SG2H41 CONDOR -LG4YS41 FD46 1992～ D4×4617CC ATLAS -UH4YH41 CONDOR -UH5YS41	MP092H	63-092-1	1	1～5	77.93	83.00	2.500	27.00	12207-0T003 12110-0T003 12280-Z5225～7 12280-Z5125～7
63-092-2			1	1～5	77.93	83.00	2.500	27.00		
(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)										
RP092H		64-092-1	2	1～4	64.93	69.00	2.000	32.00		
		(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)								
T092H		65-092-1	2	4	—	—	2.950	—		
	65-092-2	2	4	—	—	2.950	—			
ND6, ND6-T NDT04, ND604 1970～ D6×6842CC・100×120 TRUCK -EG780,CK10,15 TRACTOR -DU880,780 DUMP -G780,U780 BUS -CK10 NE6, NE6-T NET04, NE604 1985～ D6×7412CC・110×130	M067H1	63-067-1	1	7	89.87	96.00	3.018	28.00	12213-95025 12212-95000	
		63-067-2	2	4	89.87	96.00	3.018	43.00		
		63-067-3	5	1,2,3,5,6	89.87	96.00	3.018	28.00		
		63-067-4	6	1,2,3,5,6,7	89.87	96.00	3.018	28.00		
	R067H1	64-067-1	12	1～6	69.89	74.00	2.013	35.00	12117-95007 12117-95001	
		T067H	65-067-1	2	7	—	—	3.000		—
	65-067-2		2	7	—	—	3.000	—		
	P067H	67-067-1	6	1～6	35.99	40.00	2.015	39.10	12030-95000 12030-95001	

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
PD6, PD6-T, PD604 PD6T04, PE6, PE6-T, PE604 1969~82 D6×10308CC · 125×140 TRUCK -CD40,41,43 CW40,TK20 TP81,PTW27 PTVW35 BUS -UA20,PRA95 PRA105 TRACTOR -PT81,PTC81	M076H1	63-076-1	6	1,2,3,5,6,7	99.87	106.00	3.018	35.00	12212-96000
		63-076-2	5	1,2,3,5,6,7	99.87	106.00	3.018	35.00	
		63-076-3	2	4	99.87	106.00	3.018	55.00	
		63-076-4	1	1	99.87	106.00	3.018	35.00	
	R076H1	64-076-1	12	1~6	78.89	84.00	2.013	41.00	12117-96012 12117-96006 12117-96000
	T076H	65-076-1	2	7	—	—	3.000	—	12280-96025~7
		65-076-2	2	7	—	—	3.000	—	
	P076H	67-076-1	6	1~6	45.93	50.00	1.990	44.00	12030-96000 12030-96001
	M076H1	63-076-1	6	1,2,3,5,6,7	99.87	106.00	3.018	35.00	12212-96000
		63-076-2	5	1,2,3,5,6,7	99.87	106.00	3.018	35.00	
		63-076-3	2	4	99.87	106.00	3.018	55.00	
		63-076-4	1	1	99.87	106.00	3.018	35.00	
PE6, PE6-T, PE6H PE6H-T, PE6T04, PE604 1970~82 D6×11670CC · 133×140 TRUCK -CD30,31,32 CF30,CV30,31 CV32,40,CW40 BUS -UA20,PR80 TRACTOR -CK46,30 PP6H 1980~88 D6×11670CC · 133×140	R076H1	64-076-1	12	1~6	78.89	84.00	2.013	41.00	12117-96012 12117-96006 12117-96000
	T076H	65-076-1	2	7	—	—	3.000	—	12280-96025~7
		65-076-2	2	7	—	—	3.000	—	
	T095H (FOR PE6-T)	65-095-1	2	7	—	—	4.000	—	12280-96125 12280-96126 12280-96128 12280-96225
		65-095-2	2	7	—	—	4.000	—	
	P076H	67-076-1	6	1~6	45.93	50.00	1.990	44.00	12030-96000 12030-96001
QD32, QD32-T 1986~ D4×3153CC · 99.2×102 CARAVAN -CW24 -VW24	M087H	63-087-1	5	1~5	70.90	75.00	2.013	26.00	12207-54T10 12207-43G10 12207-54T00 12207-43G00
		63-087-2	5	1~5	70.90	75.00	2.013	26.00	
	R089H	64-089-1	8	1~4	56.91	60.01	1.513	26.10	12111-43G00 12111-43G01
	T080H1	65-080-1	2	4	—	—	2.325	—	12280-37525~7
		65-080-2	2	4	—	—	2.325	—	
	C087A	62-087-1	1	1	50.71	53.83	1.520	20.50	13002-43G00 13002-54T00
		62-087-2	1	2	50.51	53.63	1.520	22.00	
		62-087-3	1	3	50.31	53.43	1.520	22.00	
		62-087-4	1	4	50.11	53.23	1.520	22.00	
		62-087-5	1	5	49.91	53.03	1.520	22.00	
RD8, RD8-T 1972~83 DV8×14313CC · 135×125 TRUCK -CW50,51,UW50 CK30,50,UZ50 TW50,51,52 KG50,51,TZ50 WD38,51,151 180 BUS -RA50 FIRE ENGINE -FW50,KW30	M063H1	63-063-1	4	1~4	109.87	116.00	3.018	29.00	12212-97185 12212-97525
		63-063-2	4	1~4	109.87	116.00	3.018	29.00	
		63-063-3	1	5	109.87	116.00	3.018	37.00	
		63-063-4	1	5	109.87	116.00	3.018	37.00	
	RP063H1 (2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)	64-063-1	4	—	84.89	89.00	2.013	39.20	12117-97008 12117-97004 12117-97000
	T063H	65-063-1	2	4	—	—	4.000	—	12280-97025~7
		65-063-2	2	4	—	—	4.000	—	
	P063H	67-063-1	8	1~8	45.97	50.00	1.990	35.00	12030-97000 12030-97001
		67-063-(L)	—	—	—	—	—	49.00	

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
RD8, RD8-T 1983～85 DV8×14313CC・135×125 RE8 1983～85 DV8×15115CC・135×132 TRUCK－CW53,CD58	M090H1	63-090-1	4	1～4	109.87	116.00	3.018	31.00	12212-97529 12212-97725 12212-97228
		63-090-2	4	1～4	109.87	116.00	3.018	31.00	
		63-090-4	1	5	109.87	116.00	3.018	37.00	
		63-063-3	1	5	109.87	116.00	3.018	37.00	
	RP063H1 (2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)	64-063-1	4	—	84.89	89.00	2.013	39.20	12117-97008 12117-97004 12117-97000
	T063H	65-063-1	2	4	—	—	4.000	—	12280-97025～7
		65-063-2	2	4	—	—	4.000	—	
	P063H	67-063-1	8	1～8	45.97	50.00	1.990	35.00	12030-97000 12030-97001
		67-063-(L)	—	—	—	—	—	49.00	
RD8, RD8-T 1985～ DV8×14313CC・135×125 TRUCK－WD152 RE8 1985～ DV8×15115CC・135×132 TRUCK－CD53 RF8 1985～ DV8×16991CC・138×142 TRUCK－CD54,CW54 BUS－RA53	MP090H1	63-090-1	1	—	109.87	116.00	3.018	31.00	12212-97725 12212-97228 12212-97529
		63-090-2	1	—	109.87	116.00	3.018	31.00	
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)								
	RP063H1 (2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)	64-063-1	4	—	84.89	89.00	2.013	39.20	12117-97008
	T063H	65-063-1	2	4	—	—	4.000	—	12280-97025～7
		65-063-2	2	4	—	—	4.000	—	
	P063H	67-063-1	8	1～8	45.97	50.00	1.990	35.00	12030-97000 12030-97001
		67-063-(L)	—	—	—	—	—	49.00	
	RD10, RD10-T 1972～83 DV10×17892CC・135×125 TRUCK－WD23,CK60 BUS－RD10 FIRE ENGINE－FZ60	M064H1	63-063-1	5	1～5	109.87	116.00	3.018	29.00
63-063-2			5	1～5	109.87	116.00	3.018	29.00	
63-063-3			1	6	109.87	116.00	3.018	37.00	
63-063-4			1	6	109.87	116.00	3.018	37.00	
RP063H1 (2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)		64-063-1	4	—	84.89	89.00	2.013	39.20	12117-97008 12117-97004 12117-97000
T063H		65-063-1	2	4	—	—	4.000	—	12280-97025～7
		65-063-2	2	4	—	—	4.000	—	
P064H		67-063-1	10	1～10	45.97	50.00	1.990	35.00	12030-97000 12030-97001
		67-063-(L)	—	—	—	—	—	49.00	
RD10, RD10-T 1983～86 DV10×17892CC・135×125 RE10 1983～86 DV10×18894CC・135×132 TRUCK－CW67,66,61	M091H1	63-090-1	5	1～5	109.87	116.00	3.018	31.00	12212-97826 12212-97328 12212-97225 12212-97128
		63-090-2	5	1～5	109.87	116.00	3.018	31.00	
		63-063-3	1	1	109.87	116.00	3.018	37.00	
		63-090-4	1	1	109.87	116.00	3.018	37.00	
	RP063H1 (2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)	64-063-1	4	—	84.89	89.00	2.013	39.20	12117-97008 12117-97004 12117-97000
	T063H	65-063-1	2	4	—	—	4.000	—	12280-97025～7
		65-063-2	2	4	—	—	4.000	—	
	P064H	67-063-1	10	1～10	45.97	50.00	1.990	35.00	12030-97000 12030-97001 12030-97002
		67-063-(L)	—	—	—	—	—	49.00	

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
RD10, RD10-T 1986～ DV10×18894CC・135×132 TRUCK -CV66 BUS -DA67,GA66 RE10 1986～ DV10×18894CC・135×132 TRUCK -CK66BT CV66V CW66GT RF10 1986～ DV10×21239CC・138×142 TRUCK -CK67,CW67	MP090H1	63-090-1	1	—	109.87	116.00	3.018	31.00	12213-97026 12213-97069 12213-97104	
		63-090-2	1	—	109.87	116.00	3.018	31.00		
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
	RP063H1	64-063-1	4	—	84.89	89.00	2.013	39.20	12117-97008	
	(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)									
	T063H	65-063-1	2	4	—	—	4.000	—	12280-97025～7	
		65-063-2	2	4	—	—	4.000	—		
	P064H	67-063-1	10	1～10	45.97	50.00	1.990	35.00	12030-97000 12030-97001 12030-97002	
		67-063-(L)	—	—	—	—	—	49.00		
RG8 1992～ DV8×17,990CC・142×142 BIG THUMB RENAULT SAMSUNG BIG THUMB	M1053H	63-1053-1	5		110.00	116.00	2.995	35.33	12213-97160	
		63-1053-2	5		110.00	116.00	2.995	35.33		
	R1053H	64-1053-1	16		90.00	95.00	2.516	34.83	12117-97075	
SD20 1963～80 D4×1991CC・83×92 CEDRIC -QG31,Q130,230 LAUREL -SC230 SD22 (220C E20) 1963～80 D4×2164CC・83×100 CEDRIC -R330,VR430 CABSTAR -QGF20,QF21 CABALL -QC240 CARAVAN -GKRE21 CIVILIAN -GHQC240 CLIPPER -D661,662,663 HOMY -GKRE20,21	M080H2	63-080-1	3	1～3	70.90	75.00	2.010	32.00	12207-37502～6	
		63-080-2	3	1～3	70.90	75.00	2.010	32.00		
	R080H1	64-080-1	8	1～4	52.91	56.01	1.510	26.00	12117-Y5210 12117-Y5200 12117-37502 12117-37503 12117-37504 12117-37505	
	T080H1	65-080-1	2	2	—	—	2.325	—		12280-37525～7
		65-080-2	2	2	—	—	2.325	—		
	C052L	62-052-1	1	1	45.43	48.66	1.575	24.00		13002-37500
		62-052-2	1	2	43.90	47.14	1.575	22.00		
		62-052-3	1	3	41.22	44.55	1.575	24.00		
	P080H	67-080-1	4	1～4	26.00	29.02	1.562	30.00	12030-37500	
	P080HS	67-080-1S	4	1～4	—	—	—	—	12030-37500/NB	

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
SD20 1980~83 D4×1991CC · 83×92	M085H	63-085-1	10	1~5	70.90	75.00	2.015	26.13	12207-V1700 12207-V1701 12215-V1700
SD22 1980~ D4×2164CC · 83×100	R080H1	64-080-1	8	1~4	52.91	56.01	1.510	26.00	12117-Y5210 12117-Y5200 12117-37505 12117-37504 12117-37503 12117-37502
SD23 1980~87 D4×2289CC · 89×92 CARAVAN -YGE23 HOMY -VYE23,HGE23	T080H1	65-080-1 65-080-2	2 2	2 2	— —	— —	2.325 2.325	— —	12280-37525~7
SD25 1981~ D4×2488CC · 89×100 TRUCK -EGF22,ET22	C052L	62-052-1 62-052-2 62-052-3	1 1 1	1 2 3	45.43 43.90 41.22	48.66 47.14 44.45	1.575 1.575 1.575	24.00 22.00 24.00	13002-37500
SD25-T 1985~88 D4×2488CC · 89×100	P085H	67-085-1	4	1~4	26.00	29.00	1.562	32.00	12030-L2000
	P085HS	67-085-1S	4	1~4	—	—	—	—	12030-L2000/NB
SD33, SD33-T 1966~ D6×3246CC · 83×100 PATROL -JRL160,KPL160 URLG160 CARAVAN -KKR160 KTRG160 TRUCK -QC80,DQSC80 FORKLIFT -FD007,UGF03	M081H2	63-080-1 63-080-2	4 4	1~4 1~4	70.90 70.90	75.00 75.00	2.010 2.010	32.00 32.00	12207-61507 12207-61506 12207-61505 12207-61504
	R081H1	64-080-1	12	1~6	52.91	56.01	1.510	26.00	12117-Y5210 12117-Y5200 12117-37505 12117-37504 12117-37503 12117-37502
	T080H1	65-080-1 65-080-2	2 2	2 2	— —	— —	2.325 2.325	— —	12280-37525~7
	C081L (‘66-’79)	62-052-1 62-052-2 62-052-3	1 2 1	1 2,3 4	45.43 43.90 41.22	48.66 47.14 44.45	1.575 1.575 1.575	24.00 22.00 24.00	13002-61500
	P081H	67-080-1	6	1~6	26.00	29.02	1.562	30.00	12030-37500
	P081HS	67-080-1S	6	1~6	—	—	—	—	12030-37500/NB

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
TD23 1986～ D4×2289CC・89×92 HOMY -DRGE24 DYGE24 ATLAS -TGF22 TD25 1987～ D4×2494CC・89×100 TD27 1986～ D4×2663CC・96×92 HOMY -DRGE24 ATLAS -AF22,KAGF22	M087H	63-087-1	5	1～5	70.90	75.00	2.013	26.00	12207-54T10 12207-43G10 12207-54T00 12207-43G00
		63-087-2	5	1～5	70.90	75.00	2.013	26.00	
	R080H1 (FOR TD23)	64-080-1	8	1～4	52.91	56.01	1.510	26.00	12111-02N00 12111-02N01
		R089H (FOR TD25,27)	64-089-1	8	1～4	56.91	60.01	1.513	26.10
	T080H1	65-080-1	2	4	—	—	2.325	—	12280-37525～7
		65-080-2	2	4	—	—	2.325	—	
	P089H (FOR TD25'86～)	67-089-1	4	1～4	29.89	33.02	1.525	33.00	12030-31N00
		C087A	62-087-1	1	1	50.71	53.83	1.520	20.50
	62-087-2		1	2	50.51	53.63	1.520	22.00	
	62-087-3		1	3	50.31	53.43	1.520	22.00	
	62-087-4		1	4	50.11	53.23	1.520	22.00	
	62-087-5		1	5	49.91	53.03	1.520	22.00	
	P087H1 (FOR TD25) (FOR TD27～'89)	67-087-1	4	1～4	28.00	31.00	1.525	33.25	12030-43G00
	P087HS	67-087-1S	4	1～4	—	—	—	—	12030-43G00/NB
TD42 1987～ D6×4169CC・96×96 SAFARI -VRY60,VRGY60 TD42T 1993～ D6×4169CC・96×96 SAFARI -Y-WRGY60	M096H	63-087-1	7	1～7	70.90	75.00	2.013	26.00	12207-06J10 12207-06J11
		63-087-2	7	1～7	70.90	75.00	2.013	26.00	
	R096H	64-089-1	12	1～6	56.91	60.01	1.513	26.10	12111-43G00 12111-43G01
	T080H1	65-080-1	2	4	—	—	2.325	—	12280-37525～7
		65-080-2	2	4	—	—	2.325	—	
	P096H1 (FOR TD42)	67-087-1	6	1～6	28.00	31.00	1.525	33.25	12030-43G00
	P096HS	67-087-1S	6	1～6	—	—	—	—	12030-43G00/NB
UD3, UD33 1963～68 D3×3706CC・110×130 TRUCK -UG680,681 BUS -JUR690	MP075H	63-075-1	1	—	99.89	108.02	4.040	27.00	12215-90025
		63-075-2	1	—	99.89	108.02	4.040	27.00	
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)								
	RP075H	64-075-1	1	—	69.86	76.02	3.040	44.00	12111-90126 12111-90025
		64-075-2	1	—	69.86	76.02	3.040	44.00	
(1 PAIR/PACKAGE, 3 PACKAGES/ENGINE)									
T075H	65-075-1	4	—	—	—	3.960	—	12290-90007	
UD4, UD43 1963～74 D4×4941CC・110×130 TRUCK -T80,81,TC80,81 TF80,TV15 TW12,17 BUS -4R82,94,104,110	MP075H	63-075-1	1	—	99.89	108.02	4.040	27.00	12215-90025
		63-075-2	1	—	99.89	108.02	4.040	27.00	
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)								
	RP075H	64-075-1	1	—	69.86	76.02	3.040	44.00	12111-90126 12111-90025
		64-075-2	1	—	69.86	76.02	3.040	44.00	
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)								
T075H	65-075-1	4	—	—	—	3.960	—	12290-90007	

NISSAN DIESEL

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
UD5 1967～72 D5×6177CC・110×130 TRUCK -C10,11 TVC10,11 TWDC10,11 BUS -5R94,104,106 5R110 TRACTOR -TC81P,TC81UP	MP075H	63-075-1	1	—	99.89	108.02	4.040	27.00	12215-90025
		63-075-2	1	—	99.89	108.02	4.040	27.00	
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)								
	RP075H	64-075-1	1	—	69.86	76.02	3.040	44.00	12111-90126 12111-90025
		64-075-2	1	—	69.86	76.02	3.040	44.00	
(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
T075H	65-075-1	4	—	—	—	3.960	—	12290-90007	
UD6 1963～73 D6×7416CC・110×130 TRUCK -CK10,6TW13 6TWC13 6TWF12 BUS -6R111 TRACTOR -6TC81,6TW13 6TWC13	MP075H	63-075-1	1	—	99.89	108.02	4.040	27.00	12215-90025
		63-075-2	1	—	99.89	108.02	4.040	27.00	
	(1 PAIR/PACKAGE, 7 PACKAGES/ENGINE)								
	RP075H	64-075-1	1	—	69.86	76.02	3.040	44.00	12111-90126 12111-90025
		64-075-2	1	—	69.86	76.02	3.040	44.00	
(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
T075H	65-075-1	4	—	—	—	3.960	—	12290-90007	

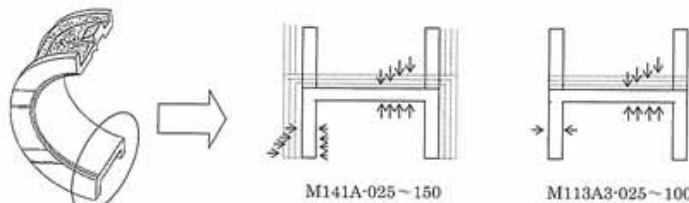
MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2G23 1977~82 G2×546CC · 70×71 MINICA -A105 MINI CAB -L012 G23B 1978~83 G2×546CC · 70×71 MINICA -A105,107 2G24 1982~83 G2×644CC · 76×71	M R120A	64-120-1	4	1~2	39.98	43.02	1.493	17.13	MD019526 MD019871 MD079650 MD019635
G23B 1984~ G2×546CC · 70×71 MINICA -H11,A106 MINI CAB -U11,12 2G25 1984~ G2×783CC · 78×72 MINICA -H11	M120A R120A	63-120-1 63-120-2 63-120-(3) 64-120-1	2 2 2 4	1,3 1,3 2 1~2	42.98 42.98 42.98 39.98	47.02 47.02 47.02 43.02	1.990 1.990 1.990 1.493	19.45 19.45 23.95 17.13	MD079646 MD079650 MD019635
3G81 1988~ G3×548CC · 62.3×60 MINICA -H21,26 MINI CAB -U14,15 3G82 1987~ G3×796CC 3G83 1990~ G3×657CC · 65×66	M127A R127A1 T127A	63-127-1 63-127-2 64-127-1 65-127-1	4 4 6 2	1~4 1~4 1~3 2	39.98 39.98 35.98 —	44.02 44.02 39.02 —	1.990 1.990 1.489 2.475	17.13 17.13 14.63 —	MD114812 MD114816 MD115171
4G11 1978~81 G4×1244CC · 69.5×82 LANCER -A141 G11B 1977~85 G4×1244CC · 69.5×82 LANCER -A171,148,155 MIRAGE -A151,155 4G12 1976~81 G4×1410CC · 74×82 LANCER -A142 G12B 1976~88 G4×1410CC · 74×82 LANCER -A142,172 MIRAGE -A152,155,156	M119A R119A	63-119-1 63-119-2 63-119-(3) 64-119-1	4 4 2 8	1,2,4,5 1,2,4,5 3 1~4	47.98 47.98 47.98 41.98	52.02 52.02 52.02 45.02	1.990 1.990 1.990 1.493	19.13 19.13 23.95 17.63	MD030573 MD030126 MD147999 MD030516

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4G13 1988~ G4×1298CC · 71×82 MIRAGE -D51,61 G13B 1983~ G4×1298CC · 71×82 LANCER -C11 4G15 1987~97 G4×1468CC · 75.5×82 MIRAGE -C52,62,72 LANCER -C62,72 G15B 1983~ G4×1468CC · 75.5×82 LANCER -C12,32	M119A	63-119-1	4	1,2,4,5	47.98	52.02	1.990	19.13	MD147999 MD030126 MD030573 MD030516 MD143090
		63-119-2	4	1,2,4,5	47.98	52.02	1.990	19.13	
		63-119-(3)	2	3	47.98	52.02	1.990	23.95	
	R119A	64-119-1	8	1~4	41.98	45.02	1.493	17.63	
	R130A (AFTER '88)	64-130-1	8	1~4	41.98	45.02	1.493	15.60	
4G30 1969~73 G4×1289CC · 73×77 GALANT -A51,51V 4G31 1969~74 G4×1499CC · 74.5×86 G31B 1969~74 G4×1499CC · 74.5×86 LANCER -A73 FORKLIFT -FG20 4G32 1970~88 G4×1597CC · 76.9×86 GALANT -A53,112,117,121 LANCER -A73 G32B 1977~88 G4×1597CC · 76.9×86 GALANT -A161A,131 CORDIA -A212A LANCER -A144 MIRAGE -A153,157,C13A DELICA -L033,063,P02	M111A2	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	MD091399 MD071273 MD006904 MD002273 MD002343 MD040682
		63-111-(2)	2	3	56.98	61.02	1.990	28.95	
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13	
	R111A	64-111-1	8	1~4	44.98	48.02	1.493	23.60	MD071298 MD002813 MD002843 MD040704 MD001213
	B111A	68-111-1	1	1	38.98	42.03	1.500	19.10	MD008888 MD008889
		68-111-2	2	2	35.98	39.03	1.490	16.10	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4G33 1971~88 G4×1439CC · 73×86 GALANT -A54,62 LANCER -A72 DELICA -L031 FORKLIFT -FG15,10 G33B 1977~88 G4×1493CC · 73×86 LANCER -A143 DELICA -L036 FORKLIFT -FG10,15 4G35 1972~77 G4×1688CC · 79×86 GALANT -A55 4G36 1975~79 G4×1238CC · 73×74 LANCER -A75 4G37 1986~ G4×1755CC · 80.6×86 G37B 1984~88 G4×1755CC · 80.6×86 CHARIOT -D05W LANCER -C37 TREDIA -A215	M111A2	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	MD091399 MD071273 MD006904 MD002273 MD002343 MD040682
		63-111-(2)	2	3	56.98	61.02	1.990	28.95	
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13	
	R111A	64-111-1	8	1~4	44.98	48.02	1.493	23.60	MD071298 MD040704 MD002843 MD002813
	B111A	68-111-1	1	1	38.98	42.03	1.500	19.10	MD008888 MD008889
		68-111-2	2	2	35.98	39.03	1.490	16.10	
4G41 1971~79 G4×1378CC · 76.5×75 LANCER -A72,T120V DELICA -T120,120V,120C FORKLIFT-FG14,15 4G42 1973~77 G4×1187CC · 71×75 LANCER -A71,72,M72M GALANT -A61	M103H	63-103-1	3	1~3	63.99	68.02	1.990	25.13	MD010780
		63-103-2	3	1~3	63.99	68.02	1.990	25.13	
	R103H	64-103-1	8	1~4	51.99	55.02	1.490	22.13	MD010859
	T103H	65-103-1	1	1	—	—	3.575	—	MD010350 MD010351 MD010360
		65-103-2	1	1	—	—	3.575	—	
	P103H	67-103-1	4	1~4	19.00	21.00	1.030	27.00	MD010707

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
4G51 1973~77 G4×1855CC · 81×90 GALANT -A114,122 G51B 1977~78 G4×1855CC · 81×90 GALANT -A132 4G52 1973~78 G4×1955CC · 84×90 GALANT -A57,115,123 CANTER -T206,214,216 JEEP -J53,58 FORKLIFT -FG25,20 G52B 1977~78 G4×1995CC · 84×90 GALANT -A133 JEEP -J59	M113A3	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	MD050360 MD026445 MD020381	
		63-113-(2)	2	3	65.98	70.02	1.990	30.95		
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13		
		M141A	63-113-1	4	1,2,4,5	65.98	70.02	1.990		25.13
			63-141-(2)	2	3	65.98	70.02	1.990		30.95
			63-113-3	4	1,2,4,5	65.98	70.02	1.990		25.13
	(M141A-025 ~ 100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025 ~ 100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)									
										
	R113A1	64-113-1	8	1~4	52.98	56.02	1.493	25.13	MD026430 MD024856 MD050365 MD153622	
4G52 1978~ G4×1995CC · 84×90 GALANT -A123 ETERNA -A163 JEEP -J53,58 FORKLIFT -FG25,20 G52B 1978~86 G4×1955CC · 84×90 GALANT -A133 JEEP -J59 LANCER -A146	M118A1	63-118-1	4	1,2,4,5	59.98	64.02	1.991	25.13	MD026815 MD026440	
		63-118-2	4	1,2,4,5	59.98	64.02	1.991	25.13		
		63-118-(3)	2	3	59.98	64.02	1.991	30.95		
	R113A1	64-113-1	8	1~4	52.98	56.02	1.493	25.13	MD026430 MD024856 MD153622 MD050365	
	B113A	68-113-1	2	1~2	42.98	46.05	1.480	20.25	MD021118	
	4G53 1973~78 G4×2384CC · 88×98 CENTER -T205,207,215 ROSA -B207,217 JEEP -J26,38,46,56 FORKLIFT -FG30	M113A3	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	MD050360 MD026445 MD020381
			63-113-(2)	2	3	65.98	70.02	1.990	30.95	
			63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13	
			M141A	63-113-1	4	1,2,4,5	65.98	70.02	1.990	
63-141-(2)				2	3	65.98	70.02	1.990	30.95	
63-113-3				4	1,2,4,5	65.98	70.02	1.990	25.13	
(M141A-025 ~ 100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025 ~ 100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)										
R113A1		64-113-1	8	1~4	52.98	56.02	1.493	25.13	MD026430 MD024856 MD050365 MD153622	
B113A		68-113-1	2	1~2	42.98	46.05	1.480	20.25	MD021118	

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4G53 1978～82 G4×2384CC・88×98 JEEP -J26,38,46,56 FORKLIFT -FG30	M118A1	63-118-1	4	1,2,4,5	59.98	64.02	1.991	25.13	MD026815 MD026440
		63-118-2	4	1,2,4,5	59.98	64.02	1.991	25.13	
		63-118-(3)	2	3	59.98	64.02	1.991	30.95	
	R113A1	64-113-1	8	1～4	52.98	56.02	1.493	25.13	MD026430 MD024856 MD153622 MD050365
	B113A	68-113-1	2	1～2	42.98	46.05	1.480	20.25	MD021118
4G54 1976～78 G4×2555CC・91.1×98 DEBONAIR-A32,33	M113A3	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	MD973121 MD050360 MD026445 MD020381
		63-113-(2)	2	3	65.98	70.02	1.990	30.95	
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13	
	M141A	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	
		63-141-(2)	2	3	65.98	70.02	1.990	30.95	
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13	
(M141A-025～100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025～100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)									
R113A1	64-113-1	8	1～4	52.98	56.02	1.493	25.13	MD026430 MD024856 MD153622 MD050365	
4G54 1978～ G4×2555CC・91.1×98 G54B 1978～ G4×2555CC・91.1×98 DEBONAIR-A33 GALANT -A135,166 JEEP -J27,37,47,57	M118A1	63-118-1	4	1,2,4,5	59.98	64.02	1.991	25.13	MD026815 MD026440
		63-118-2	4	1,2,4,5	59.98	64.02	1.991	25.13	
		63-118-(3)	2	3	59.98	64.02	1.991	30.95	
	R113A1	64-113-1	8	1～4	52.98	56.02	1.493	25.13	MD026430 MD024856 MD153622 MD050365
	B113A	68-113-1	2	1～2	42.98	46.05	1.480	20.25	MD021118

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4G62 1978~88 G4×1795CC · 80.6×88 LANCER -A175 GALANT -A162 DELICA -L035 ETERNA -A162,F13 TREDIA -A213 G62B 1979~89 G4×1795CC · 80.6×88 4G63 1980~92 G4×1997CC · 85×88 GALANT -A163,E33,39 G63B 1980~92 G4×1997CC · 85×88 GALANT -A163,164 DELICA -L037,P023 ETERNA -A163,164,E15 E17,A168 STARION -A183,184 PAJERO -L041,L046 CHARIOT -D08	M111A2	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	MD091399 MD071273 MD002273 MD002343 MD040682 MD071298 MD002813 MD002843 MD040704 MD129423
		63-111-(2)	2	3	56.98	61.02	1.990	28.95	
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13	
	R111A	64-111-1	8	1~4	44.98	48.02	1.493	23.60	
4G63 1992~97 G4×1997CC · 85×88 ECLIPSE -D22 CHARIOT -N33 RVR -N23 4G64 1995~97 G4×2350CC · 86.5×100	M136A	63-136-1	4	1,2,4,5	56.98	61.02	1.990	20.63	MD327493~7 MD195906~10 MD327503~05 MD195939~41 MD195936~38
		63-136-2	4	1,2,4,5	56.98	61.02	1.990	20.63	
		63-136-(3)	2	3	56.98	61.02	1.990	25.45	
	R136A	64-136-1	8	1~4	44.98	48.02	1.490	21.23	
4G64 1986~95 G4×2350CC · 86.5×100 GALANT G64 1986~89 G4×2350CC · 86.5×100 GALANT DELICA	M111A2	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	MD091399 MD071273 MD006904 MD002273 MD002343 MD040682 MD040704 MD002813 MD002843 MD071298
		63-111-(2)	2	3	56.98	61.02	1.990	28.95	
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13	
	R111A	64-111-1	8	1~4	44.98	48.02	1.493	23.60	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4G63 4G63(SOHC) 1997~ G4×1997CC · 85×88 LANCER ECLIPSE -D22 CHARIOT -N33 RVR -N23 4G64 1997~ G4×2350CC · 86.5×100 PICK UP	M139A	63-136-1	5	1~5	56.98	61.02	1.990	20.63	MD327493~7
		63-136-2	5	1~5	56.98	61.02	1.990	20.63	
	R136A	64-136-1	8	1~4	44.98	48.02	1.490	21.23	MD327503~5
	T139A	65-139-1	2	3	—	—	2.125	—	
4G91 1991~ G4×1496CC · 78.4×77.5 LANCER -CB3 MIRAGE -CA3,CB3 4G92 1991~ G4×1597CC · 81×77.5 LANCER -CB4 MIRAGE -CA4,CB4,CC4 4G93 1991~ G4×1834CC · 81×89 GALANT -E52,72 LANCER -CD5	M135A	63-135-1	5	1~5	49.98	54.02	1.990	19.13	MD174857~61
		63-135-2	5	1~5	49.98	54.02	1.990	19.13	
	R135A	64-135-1	8	1~4	44.98	48.02	1.493	16.80	MD174884~6
	R								
	T135A	65-135-1	2	4	—	—	1.975	—	MD177046 MD194201 MD174862
6A12 1992~ GV6×1998CC · 78.4×69.0 GALANT LEGNUM	M142A	63-142-1	4	1~4	52.98	57.02	1.994	17.10	MD189832
		63-142-2	4	1~4	52.98	57.02	1.994	17.10	
	R142H	64-142-1	12	1~6	42.98	46.02	1.491	15.10	MD312142
	T142A	65-142-1	2	2	—	—	1.975	—	

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6A13-S4 ★ 1996~2003 GV6×2498CC · 81×80 GALANT DIAMANTE LEGNUM 6A13-D4 ★ 1996~2002 GV6×2488CC · 89×100 GALANT LEGNUM	★ M904A (FOR S4)	63-904-1	4	1~4	55.98	60.02	1.994	17.60	MD344352 MD344353 MD344354 MD344355 MD344356 MD331182 MD331187
		63-904-2	4	1~4	55.98	60.02	1.994	17.60	
	★ M905H (FOR D4)	63-905-1	4	1~4	55.98	60.02	1.994	17.60	MD344357 MD344358 MD344359 MD344360 MD344361 MD331172 MD331177
		63-905-2	4	1~4	55.98	60.02	1.994	17.60	
★ R904H	★ T904A	64-904-1	12	1~6	50.98	54.02	1.491	15.10	MD344363 MD344364 MD344365 MD314186 MD090292 1052A443 1052A444
		65-904-1	2	3	—	—	1.975	—	
6G71 1986~ GV6×1998CC · 74.7×76 6G72 1986~ GV6×2972CC · 91.1×76 DEBONAIR -S12A NATIVA	★ M123A1	63-123-1	4	1~4	60.01	64.02	1.991	18.13	MD197608~12 MD105269 MD124496
		63-123-2	4	1~4	60.01	64.02	1.991	18.13	
	★ R123A (FOR 6G72) ★ R (FOR 6G71) ★ T123A	64-123-1	12	1~6	50.01	53.02	1.492	15.50	MD105277 MD116868 MD124592 MD116890 MD128659
		65-123-1	2	4	—	—	1.975	—	
		65-123-2	2	4	—	—	1.975	—	
6G74 1991~ GV6×3496CC · 93×85.8 PAJERO -V25W,V25W	★ M138H ★ R138H	63-138-1	4	1~4	63.96	68.01	2.003	17.13	MD197907~11 MD311928~32 MD198005~09
		63-138-2	4	1~4	63.96	68.01	2.003	17.13	
		64-138-1	12	1~6	54.97	58.01	1.498	15.50	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
KE43 1963~69 G4×977CC · 72×60 COLT -1000,1000F KE44 1966~72 G4×1088CC · 73×65 COLT -1100 KE46 1968~70 G4×1189CC · 73×71 COLT -1200	M103H	63-103-1 63-103-2	3 3	1~3 1~3	63.99 63.99	68.02 68.02	1.990 1.990	25.13 25.13	MD010780
	R103H	64-103-1	8	1~4	51.99	55.02	1.490	22.13	MD010859
	T103H	65-103-1 65-103-2	1 1	1 1	— —	— —	3.575 3.575	— —	MD010350 MD010351 MD010360
4D55 1980~86 D4×2346CC · 91.1×90 GALANT -A167 DELICA -L038,068 PAJERO -L048,L043 4D56 1986~ D4×2476CC · 91.1×95 PAJERO -L044,049 DELICA -P15,25,05,23 L039 4D56 2005~ D4×2477CC · 91.1×95.0 TRITON L200	M113A3	63-113-1 63-113-(2) 63-113-3	4 2 4	1,2,4,5 3 1,2,4,5	65.98 65.98 65.98	70.02 70.02 70.02	1.990 1.990 1.990	25.13 30.95 25.13	MD310665~69 MD310655~59 MD973121 MD050360 MD026445
	M141A	63-113-1 63-141-(2) 63-113-3	4 2 4	1,2,4,5 3 1,2,4,5	65.98 65.98 65.98	70.02 70.02 70.02	1.990 1.990 1.990	25.13 30.95 25.13	
	R113A1	64-113-1	8	1~4	52.98	56.02	1.493	25.13	
	P113H (UN FINISHED)	67-113-1S	4	1~4	29.00	32.03	1.803	32.00	MD050009
	B113A	68-113-1	2	1~2	42.98	46.05	1.480	20.25	MD021118
	M140A	63-113-1 63-113-3	5 5	1~5 1~5	65.98 65.98	70.02 70.02	1.990 1.990	25.13 25.13	MD310665
	R140A	64-140-1	8	1~4	57.07	60.02	1.493	25.13	1115A117
	T140A	65-140-1	2	3	—	—	2.500	—	MD374820
4D65, 4D65T 1983~91 G4×1795CC · 80.6×88 GALANT -E34A MIRAGE -C14,34	M111A2	63-111-1 63-111-(2) 63-111-3	4 2 4	1,2,4,5 3 1,2,4,5	56.98 56.98 56.98	61.02 61.02 61.02	1.990 1.990 1.990	23.10 28.95 23.13	MD091399 MD071273
	R111A	64-111-1	8	1~4	44.98	48.02	1.493	23.60	MD071298
4D68 1992~97 D4×1998CC GALANT TURBO LEBERO	M137H	63-137-1 63-137-2 63-137-(3)	4 4 2	1,2,4,5 1,2,4,5 3	56.98 56.98 56.98	61.02 61.02 61.02	1.990 1.990 1.990	20.63 20.63 25.45	MD195926~30 MD195934~5 MD338888 MD343336
	R137H	64-137-1 64-136-1	4 4	1~4 1~4	44.98 44.98	48.02 48.02	1.490 1.490	21.23 21.23	MD327315~7 MD338480~2
	R								MD195942~4

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4M40 1986～ D4×2835CC・95×100 DELICA EXCEED PAJERO -XR II EXCEED	M133H	63-133-1	4	1,2,4,5	67.98	72.02	1.992	22.13	ME996519～21 ME996526～8 ME997880～2 ME201565 ME201562 ME200665 ME200022
		63-133-2	4	1,2,4,5	67.98	72.02	1.992	22.13	
		63-133-3	1	3	68.03	72.02	1.972	22.13	
		63-133-4	1	3	68.03	72.02	1.972	22.13	
	R133H	64-133-1	4	1～4	53.97	58.02	1.992	27.63	ME996533～5 ME997887～9 ME200046 ME200043
		64-133-2	4	1～4	53.97	58.02	1.992	27.63	
	T133A	65-133-1	2	—	—	—	2.450	—	ME200280 ME200281 1052A499
		65-133-2	2	—	—	—	2.450	—	
	C	P133H	67-133-1	4	1～4	29.98	33.03	1.495	ME202222 ME201016
			67-133-(L)	—	—	—	—	36.70	
		B133A	68-133-1	2	1～2	46.00	50.05	2.005	
4M41 2000～ D4×3200CC・98.5×105 PAJERO -EXCEED,ZR	M133H	63-133-1	4	1,2,4,5	67.98	72.02	1.992	22.13	ME996519～21 ME996526～8 ME997880～2 ME201565 ME201562 ME200665 ME200022
		63-133-2	4	1,2,4,5	67.98	72.02	1.992	22.13	
		63-133-3	1	3	68.03	72.02	1.972	22.13	
		63-133-4	1	3	68.03	72.02	1.972	22.13	
	R141H	64-141-1	4	1～4	53.97	58.02	1.992	27.63	ME995684～6 ME203283～5 ME200041～3
		64-133-2	4	1～4	53.97	58.02	1.992	27.63	
	T133A	65-133-1	2	—	—	—	2.450	—	ME200280 ME200281 1052A499
		65-133-2	2	—	—	—	2.450	—	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4D30 1979~82/8 D4×3298CC · 100×105 CANTER -FE101,111,121 211,221,231 ROSA -BE201,211	M117H1	63-117-1 63-117-2	5 5	1~5 1~5	77.93 77.93	82.02 82.02	2.007 2.007	27.13 27.13	ME999089 ME011530
	R117H	64-108-1 (WITHOUT HOLE)	8	1~4	59.95	64.02	2.000	33.13	ME999106 ME012227 ME012210 ME012205
	T108H	65-108-1	3	5	—	—	2.450	—	ME020328 ME013564
	C117L	62-117-1 62-117-2 62-117-3	1 1 1	1 2 3	54.44 54.44 52.94	58.52 58.02 57.02	2.000 1.750 2.000	41.00 26.00 30.00	ME029225 ME029027 ME023432
	P117H	67-117-1	4	1~4	33.91	37.02	1.520	38.80	ME020449 ME012203
	P117HS	67-117-1S	4	1~4	—	—	—	—	ME020449/NB
4D30 1982~86 D4×3298CC · 100×105 CANTER -FE101,111,121 211,221,321 421 ROSA -BE201,211 4D31, 4D31-T 1982~88 D4×3298CC · 100×105 CANTER -FE114,134,214 224,234,434 ROSA -BH214 4D32 1985~88 D4×3567CC · 104×105 CANTER -FE305,315,325 335,425,445 465 FG335,435 ROSA -BE435	M121H	63-121-1 63-117-2	5 5	1~5 1~5	77.93 77.93	82.02 82.02	2.007 2.007	27.13 27.13	ME999384
	R121H	64-108-1 64-121-2 (WITH HOLE)	4 4	1~4 1~4	59.95 59.95	64.02 64.02	2.000 2.000	33.13 33.13	ME999250 ME999654 ME012205
	T108H	65-108-1	3	5	—	—	2.450	—	ME013564 ME020328
	T121H	65-121-1	3	5	—	—	2.450	—	ME013644 ME013560
	P117H	67-117-1	4	1~4	33.91	37.02	1.520	38.80	ME020449 ME012203
	P117HS	67-117-1S	4	1~4	—	—	—	—	ME020449/NB
	P121H	67-121-1	4	1~4	33.91	37.03	1.520	38.80	ME012249 ME012257
	P121HS	67-121-1S	4	1~4	—	—	—	—	ME012249/NB
	P								ME012234
	C								ME013116 ME011593 ME011594
	C								ME029225 ME011593 ME011594
4D33 1989/9~ D4×3567CC · 104×105 4D34 1991~ D4×3907CC · 104×105 CANTER -FE439 ROSA -BE439,647 4D34-T 1989/9~ D4×3907CC · 104×115	M121H	63-121-1 63-117-2	5 5	1~5 1~5	77.93 77.93	82.02 82.02	2.007 2.007	27.13 27.13	ME999384
	R122H	64-122-1 64-122-2	4 4	1~4 1~4	64.94 64.94	69.02 69.02	2.000 2.000	33.13 33.13	ME997261
	T121H	65-121-1	3	5	—	—	2.450	—	ME013644 ME013560
	P122H	67-122-1 67-122-(L)	4 —	1~4 —	35.98 —	40.03 —	2.000 —	26.35 38.40	ME013075

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4DQ3, 4DQ3-T 1975～ D4×1490CC・77×80 FORKLIFT -KFD25 4DQ5 1975～ D4×2080CC・84×94 FORKLIFT -FD15,20 4DQ11 1965～71 D4×1986CC・82×94 CANTER -T720,722 4DQ50 1972～73 D4×2080CC・84×94	M116H 								

MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4M50-T 1997~ D4×4899CC · 114×120 CANTER -FE73,FK71 -ME17 ROSA -BE64,65,66	M144H	63-144-1	5	1~5	85.93	91.02	2.503	27.13	ME995143~47
		63-144-2	5	1~5	85.93	91.02	2.503	27.13	
	R144H	64-144-1	4	1~4	64.94	69.02	2.000	33.13	ME995153~57
		64-122-2	4	1~4	64.94	69.02	2.000	33.13	
	T145H	65-145-1	4		—	—	2.450	—	ME242094
4M51 1997~2005 D4×5249CC · 118×120 CANTER -FE54,65,70 -FF83 -FG70,72,82,83 ROSA -BE63	M144H	63-144-1	5	1~5	85.93	91.02	2.503	27.13	ME995143~47
		63-144-2	5	1~5	85.93	91.02	2.503	27.13	
	R145H	64-145-1	4	1~4	59.95	64.02	2.000	33.13	ME995148~52
		64-108-1	4	1~4	59.95	64.02	2.000	33.13	
	T145H	65-145-1	4		—	—	2.450	—	ME242094
6D10 1974~80 D6×5974CC · 105×115 TRUCK -T654,FK103 BUS -MK103 6D11 1974~80 D6×6754CC · 105×130 TRUCK -FM104 BUS -MM104,504 6D14, 6D14-T 1975~ D6×6557CC · 110×115 TRUCK -FK115,215,415 425,435,515 T656,FM104,215 BUS -BF215,115 MK115 MM115,515 6D15 1979~ D6×6919CC · 113×115 TRUCK -FK116,216,415 515,516 FM316 BUS -MK116,126,516 MM516	M112H2	63-112-1	7	1~7	79.94	85.02	2.500	28.13	ME031634 ME031525 ME999199 ME999296 ME031345 ME031078
		63-112-2	7	1~7	79.94	85.02	2.500	28.13	
	R112H1	64-112-1	12	1~6	64.92	69.02	2.000	34.13	ME032518 ME032417 ME032332 ME032016 ME997367 ME999550
		(WITHOUT HOLE)							
	T112H	65-112-1	3	7	—	—	2.450	—	ME031059
		67-112-1	6	1~6	38.00	41.02	1.490	42.00	
	P112H	67-112-1	6	1~6	38.00	41.02	1.490	42.00	ME033943 ME032015 ME032014
	C								
									ME031042 ME031043 ME031044 ME031096
	C129A	62-129-1	1	1	57.73	62.08	2.120	28.00	
		62-129-2	1	2	57.95	62.28	2.120	28.00	
	P	62-129-3	1	3	58.20	62.53	2.120	28.00	ME071141 ME071142 ME071143 ME071144 ME071944
		62-129-4	1	4	58.45	62.78	2.120	32.50	
	P129H	67-129-1	6	1~6	37.90	42.04	2.030	28.30	
		67-129-(L)	—	—	—	—	—	41.40	ME072126 ME035381 ME035380 ME072128
	P129H	67-129-1	6	1~6	37.90	42.04	2.030	28.30	
		67-129-(L)	—	—	—	—	—	41.40	

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6D14-T 1983 D6×6557CC · 110×115 TRUCK BUS	M112H2	63-112-1 63-112-2	7 7	1~7 1~7	79.94 79.94	85.02 85.02	2.500 2.500	28.13 28.13	ME031634 ME031525 ME999199 ME999296 ME031345 ME031078
6D15-T 1987~ D6×6919CC · 113×115 TRUCK -FM516 FE416,516	R129H1	64-112-1 64-129-1 (WITH HOLE)	6 6	1~6 1~6	64.92 64.92	69.02 69.02	2.000 2.000	34.13 34.13	ME999892 ME999891
6D16 1987~ D6×7545CC · 118×115 TRUCK -FK337,417,427 467,516,517 FL417,FM517 BUS -MM117,527 MJ117,MK117	T129H	65-129-1	3	4	—	—	2.450	—	ME071163
6D16 D6×7545CC · 118×115 TRUCK -FH227	M146H	63-146-1 63-146-2	7 7	1~7 1~7	83.94 83.94	89.02 89.02	2.500 2.500	28.13 28.13	ME995344
6D16-T D6×7545CC · 118×115 TRUCK -FK227 FN612,622 BUS -MM822,MK612	R129H1 P129H	64-112-1 64-129-1 67-129-1 67-129-(L)	6 6 6 —	1~6 1~6 1~6 —	64.92 64.92 37.90 —	69.02 69.02 42.04 —	2.000 2.000 2.030 —	34.13 34.13 28.30 41.40	ME999892 ME999891 ME072128
6D17 D6×8201CC · 118×125 TRUCK -FK618,628,629 728 FL628,638 FH228 BUS -MJ629									
6D20, 21 1975~83 D6×10308CC · 125×140 TRUCK -FP117, FU117 BUS -MP107, 117, 123 CRANE -K202	M115H	63-115-1 63-115-2	7 7	1~7 1~7	99.94 99.94	106.02 106.02	3.000 3.000	31.13 31.13	ME052053 30909-00010
6D22A 1979~83 D6×11149CC · 130×140 TRUCK -FN328, 428 FP418, FT418 FU318, 378 BUS -MP118, 518	R115H	64-115-1	12	1~6	83.94	90.02	3.000	44.13	ME052069 30919-02102 30919-02101 30919-02100
	T107H (UP TO '79/10)	65-107-1	3	7	—	—	2.950	—	31109-07109 31109-07101
	T114H (AFTER '79/11)	65-114-1	3	7	—	—	2.950	—	31209-78101
	P115H	67-115-1	6	1~6	50.01	55.16	2.500	46.00	ME052660
★	C115H	62-115-1 62-115-2 62-115-3 62-115-4 62-115-5	1 1 2 2 1	1 2 3,4 5,6 7	64.94 64.91 65.41 65.69 65.94	72.03 72.03 72.03 72.03 72.03	3.500 3.375 3.250 3.125 3.000	26.00 26.00 26.00 26.00 34.00	ME051187 ME051188 ME051189 ME051190 ME051191

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6D22, 6D22-T, 6D23 1983~ D6×11149CC · 130×140 TRUCK -FN428,FP418 FS318,418 FT318,418 FV418 FU318,358,418 478 BUS -MP128	M115H	63-115-1	7	1~7	99.94	106.02	3.000	31.13	ME052053 30909-00010
		63-115-1	7	1~7	99.94	106.02	3.000	31.13	
	R125H	64-115-1	6	1~6	83.94	90.02	3.000	44.13	ME052488
		64-125-1	6	1~6	83.94	90.02	3.000	44.13	
	T114H	65-114-1	3	7	—	—	2.950	—	31209-78101
6D24 1995~2004 D6×11,945CC · 130×150 TRUCK	M901H	63-901-1	7	1~7	99.94	106.02	3.000	28.63	ME350864 ME994204
		63-901-2	7	1~7	99.94	106.02	3.000	28.63	
	R901H	64-901-1	6	1~6	83.94	90.02	3.000	41.13	ME181337
		64-901-2	6	1~6	83.94	90.02	3.000	44.13	
	T114H	65-114-1	3	7	—	—	2.950	—	31209-78101
6D31, 6D31-T 1985~ D6×4948CC · 100×105	M132H	63-121-1	7	1~7	77.93	82.02	2.007	27.13	ME999711
		63-117-2	7	1~7	77.93	82.02	2.007	27.13	
	R132H	64-108-1	6	1~6	59.95	64.02	2.000	33.13	ME999726
		64-121-2	6	1~6	59.95	64.02	2.000	33.13	
	T108H	65-108-1	3	5	—	—	2.450	—	ME020328 ME013564
	P903H	67-903-1	6	1~6	33.99	37.02	1.540	38.80	ME012257
	★ C903H	62-903-1	1	1	54.44	58.53	2.000	41.30	ME029225 ME011593 ME011594 ME081526
		62-903-2	1	2	54.44	58.03	1.750	21.30	
		62-903-3	1	3	53.44	57.53	2.000	21.03	
		62-903-4	1	4	52.94	57.03	2.000	21.03	
6D34 D6×5861 · 104×115	M132H	63-121-1	7	1~7	77.93	82.02	2.007	27.13	ME999711
		63-117-2	7	1~7	77.93	82.02	2.007	27.13	
	R143H	64-122-1	6	1~6	64.94	69.02	2.000	33.13	ME995175~9
		64-122-2	6	1~6	64.94	69.02	2.000	33.13	
	T121H	65-121-1	3		—	—	2.450	—	ME013644 ME013560
6D40 1990~2000 D6×12,030CC TRUCK	M902H	63-902-1	1	4	99.94	106.02	3.000	41.13	ME121080
		63-902-2	1	4	99.94	106.02	3.000	41.13	
		63-115-1	6	1,2,3,5,6,7	99.94	106.02	3.000	31.13	
		63-115-2	6	1,2,3,5,6,7	99.94	106.02	3.000	31.13	
	R125H	64-115-1	6	1~6	83.94	90.02	3.000	44.13	ME120101 ME121362
		64-125-1	6	1~6	83.94	90.02	3.000	44.13	
	T124H	65-124-1	3	5	—	—	2.950	—	31209-33100

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6DB1, 6DB10 1965~85 D6×8550CC · 110×150 TRUCK -T330,331,337 385,387,388 389,410,482 W82 BUS -R410,420,430 450,470,480 510,520 FIRE ENGINE -T387,410	M106H	63-106-1	2	1,4	89.94	96.02	3.000	49.13	30009-39004
		63-106-2	2	1,4	89.94	96.02	3.000	49.13	30009-39002
		63-106-3	4	2,3,5,6	89.94	96.02	3.000	31.13	30009-31002
		63-106-4	4	2,3,5,6	89.94	96.02	3.000	31.13	30009-22002
		63-106-5	1	7	89.94	96.02	3.000	56.13	30009-26004
		63-106-6	1	7	89.94	96.02	3.000	56.13	
	R106H	64-106-1	12	1~6	74.93	81.02	3.007	41.13	30019-12102 ME999056
	T106P	65-106-1	4	4	—	—	4.950	—	30009-18104 30009-18103 30009-18101
6DC2, 6DC20 1967~78 DV6×9955CC · 130×125 BUS -B800 TRUCK -FP101,201,W81 T800,810,910 CRANE -K201,202,251 FIRE ENGINE -T200,810,910	MP107H3	63-107-1	1	1~4	99.90	106.02	3.010	31.13	31109-40020
		63-107-2	1	1~4	99.90	106.02	3.010	31.13	31109-00000
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)								
	RP107H3	64-107-1	2	1~6	83.94	90.02	3.000	37.63	31119-51000
		(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)							
	T107H	65-107-1	3	4	—	—	2.950	—	31109-07109 31109-07101
	P107H	67-107-1	4	1~4	44.95	49.03	2.000	21.50	31219-05501 31219-05500
		*2 PCS/CON-ROD TYPE (4 PCS/PACKAGE, 3 PACKAGES/ENGINE)							
	P114H	67-114-1	2	1~2	44.95	51.03	3.000	48.00	31219-02200
		*1 PC/CON-ROD TYPE (2 PCS/PACKAGE, 3 PACKAGES/ENGINE)							
6DR5 1970~82 D6×3988CC · 92×100 6DR50 1970~86 D6×3988CC · 92×100 FORKLIFT-FD35,40,60	M110H	63-109-1	7	1~7	69.94	74.02	2.000	28.13	ME999081
		63-109-2	7	1~7	69.94	74.02	2.000	28.13	31409-10010
	R110H	64-110-1	12	1~6	57.95	62.02	2.000	32.13	ME002001 ME002023 31619-02100
	T110H	65-110-1	3	7	—	—	2.500	—	31309-08101 31309-08100
	C110L	62-109-1	1	1	54.44	57.02	1.250	36.00	31707-03600
		62-109-2	1	2	54.44	57.02	1.250	26.00	31307-13201
		62-109-3	1	3	53.94	57.02	1.500	26.00	31307-13301
		62-109-4	1	4	52.94	57.02	2.000	26.00	31307-13401
	P110H	67-109-1	6	1~6	27.88	31.03	1.530	36.00	31619-00792 31619-00700

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6DS1, 6DS10 1964~72 D6×4678CC · 95×110 BUS -MR620 6DS3, 6DS30 1973~76 D6×5103CC · 95×120 TRUCK -T652 BUS -B622 6DS5, 6DS50 1970~72 D6×4978CC · 98×110 TRUCK -T651 BUS -B620 6DS7, 6DS70 1973~83 D6×5430CC · 98×120 TRUCK -T653 BUS -B623,MK102	M108H3	63-117-1	7	1~7	77.93	82.02	2.007	27.13	ME025265 ME020323 30809-02000 30809-01009 30809-01000 ME025292 ME020452 30819-02100 ME020328 30809-08101
		63-117-2	7	1~7	77.93	82.02	2.007	27.13	
	R108H	64-108-1	12	1~6	59.95	64.02	2.000	33.13	
	T108H	65-108-1	3	7	—	—	2.450	—	
6M7 2001~ D6×12,882CC · 135×150 TRUCK	M901H	63-901-1	7	1~7	99.94	106.02	3.000	28.63	ME350864 ME994204 ME181337 ME994419 ME181365 ME994424 ME994199 31209-33100
	R901H	63-901-2	7	1~7	99.94	106.02	3.000	28.63	
		64-901-1	6	1~6	83.94	90.02	3.000	41.13	
		64-901-2	6	1~6	83.94	90.02	3.000	41.13	
6M60-T D6×7545CC · 118×115 TRUCK -FK61,FQ61 BUS -MM86,MK26	M146H	63-146-1	7	1~7	83.94	89.02	2.500	28.13	ME993942 ME995344 ME995564
	R146H	63-146-2	7	1~7	83.94	89.02	2.500	28.13	
		64-146-1	6	1~6	69.94	74.02	2.010	34.13	
		64-146-2	6	1~6	69.94	74.02	2.010	34.13	
6M61 D6×8201CC · 118×125 TRUCK -FK71,FL63 BUS -MJ26,MK23,27	M146H	63-146-1	7	1~7	83.94	89.02	2.500	28.13	ME995344 ME999892 ME999891
	R129H1	63-146-2	7	1~7	83.94	89.02	2.500	28.13	
		64-112-1	6	1~6	64.92	69.02	2.000	34.13	
		64-129-1	6	1~6	64.92	69.02	2.000	34.13	

MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
8DC2, 8DC20 1967~76/10 DV8×13273CC · 130×125 TRUCK -T801,811,901 911,931,951 FT102,FU102 FV102,D200 TRACTOR -W120,122,150 CRINE -K130 FIRE ENGINE -T911 8DC4, 8DC40 1974~76/10 DV8×13273CC · 130×125 TRUCK -FP112 FU112,212 FQ112,FS112 FT112,NV112 FV112 8DC6, 8DC60 1971~76/10 DV8×14886CC · 135×130 TRUCK -T902,932,952 982 FP103,FT103 FU103,FV103 NV113 8DC8, 8DC80 1974~76/10 DV8×14886CC · 135×130 TRUCK -FP113,FU113 FV113,FT313 FT113,FR113 BUS -MS512,513	MP107H3	63-107-1 63-107-2	1 1	1~5 1~5	99.90 99.90	106.02 106.02	3.000 3.000	31.13 31.13	ME093879~85 31209-70020 31209-01001 31209-00000 31219-51000 31219-50000 31219-00001 31109-07109 31109-07101 31219-05501 31219-05500 31219-02200
		(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)							
	RP107H3	64-107-1	2	1~8	83.94	90.02	3.000	37.63	
		(1 PAIR/PACKAGE, 8 PACKAGES/ENGINE)							
	T107H	65-107-1	3	5	—	—	2.950	—	
	P107H	67-107-1	4	1~8	44.95	49.03	2.000	21.50	
		*2 PCS/CON-ROD TYPE (4 PCS/PACKAGE, 4 PACKAGES/ENGINE)							
	P114H	67-114-1	2	1~8	44.95	51.03	3.000	48.00	
		*1 PC/CON-ROD TYPE (2 PCS/PACKAGE, 4 PACKAGES/ENGINE)							

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
8DC2, 8DC20 1976/11~79/6 DV8×13273CC · 130×125 BUS -B806,900,905 D200 TRUCK -FR102,FT102 FV102 CRANE -K201,302,701 FIRE ENGINE -FT102 8DC4, 8DC40 1976/10~79/6 DV8×13273CC · 130×125 TRUCK -FP112,113 FQ112 FT112,212 FV112 FU112,212 NV112 CRANE -K252 FIRE ENGINE -FT112 8DC6, 8DC60 1976/11~79/6 DV8×14886CC · 135×130 BUS -B907 TRUCK -FP103,FT103 FU103,FV103 NV13 CRANE -K400 8DC7, 8DC70 1976/11~79/6 DV8×13804CC · 130×130 TRUCK -FS119,FT119 FU119,FV119 8DC8, 8DC80 1976/11~79/6 DV8×14886CC · 135×130 BUS -MS512,513 TRUCK -FP113,FR113 FS313 FT113,313 FW123, FU113,213,312	MP107H3	63-107-1 63-107-2 (1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)	1 1	1~5 1~5	99.90 99.90	106.02 106.02	3.000 3.000	31.13 31.13	ME093879~85 31209-70020 31209-01001 31209-00000 31219-71010 31209-78101 31219-70600
	RP114H1	64-114-1 64-114-2 64-114-3 (2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)	1 1 2	— — —	83.94 83.94 83.94	90.02 90.02 90.02	3.000 3.000 3.000	37.63 37.63 37.63	
	T114H	65-114-1	3	5	—	—	2.950	—	
	P125H	67-125-1 67-125-(L) (2 PCS/PACKAGE, 4 PACKAGES/ENGINE)	2 —	1~8 —	44.95 —	51.02 —	3.000 —	41.70 56.50	

MITSUBISHI FUSO

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
8DC2, 8DC20 1979/7～80 DV8×13273CC・130×125 BUS－B806,905,D200 CRANE－K201,701 8DC4, 8DC40 1979/7～80 DV8×13273CC・130×125 TRUCK－FP112,113 FQ112 FT112,212 FV112 FU112,212 NV112 CRANE－K252 FIRE ENGINE －FT112 8DC6, 8DC60 1979/7～80 DV8×14886CC・135×130 BUS－B907 TRUCK－FP103,FT103 FU103,NV113 CRANE－K400	MP107H3	63-107-1	1	1～4	99.90	106.02	3.000	31.13	ME093879～85 31209-70020 31209-01001 31209-00000	
		63-107-2	1	1～4	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	RP114H1	64-114-1	1	—	83.94	90.02	3.000	37.63	31219-71010	
		64-114-2	1	—	83.94	90.02	3.000	37.63		
		64-114-3	2	—	83.94	90.02	3.000	37.63		
	(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)									
	T124H	65-124-1	3	5	—	—	2.950	—	31209-33100	
	P125H	67-125-1	2	1～8	44.95	51.02	3.000	41.70	31219-70600	
		67-125-(L)	—	—	—	—	—	56.50		
	(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)									
	8DC7, 8DC70 1979/7～80 DV8×13804CC・130×130 TRUCK－FS119,FT119 FU119,FV119 8DC8, 8DC80 1979/7～80 DV8×14886CC・135×130 BUS－MS512,513 TRUCK－FP113,FR113 FS313 FT113,313 FW123, FU113,213,312	M107H2	63-107-1	5	1～5	99.90	106.02	3.000	31.13	ME093879～85 31209-70020 31209-00000 31209-01001
			63-107-2	5	1～5	99.90	106.02	3.000	31.13	
R114H1		64-114-1	4	—	83.94	90.02	3.000	37.63	31219-71010	
		64-114-2	4	—	83.94	90.02	3.000	37.63		
		64-114-3	8	—	83.94	90.02	3.000	37.63		
T124H		65-124-1	3	5	—	—	2.950	—		31209-33100
P125H		67-125-1	2	1～8	44.95	51.02	3.000	41.70	31219-70600	
		67-125-(L)	—	—	—	—	—	56.50		
(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)										
8DC61 1980～81 DV8×14886CC・135×130 8DC81 1980～82/2 DV8×14886CC・135×130 BUS－MS613 TRUCK－FS613,313 FT313 FU353,313 CRANE－K253 FIRE ENGINE －FT313		MP107H3	63-107-1	1	1～5	99.90	106.02	3.000	31.13	ME093879～85 31209-70020 31209-01001 31209-00000
			63-107-2	1	1～5	99.90	106.02	3.000	31.13	
		(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)								
		RP114H1	64-114-1	1	—	83.94	90.02	3.000	37.63	31219-71010
	64-114-2		1	—	83.94	90.02	3.000	37.63		
	64-114-3		2	—	83.94	90.02	3.000	37.63		
	(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)									
	T124H	65-124-1	3	5	—	—	2.950	—	31209-33100	

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
8DC81, 82 1982/3～ DV8×14886CC・135×130 BUS -MS613,713,715 TRUCK -FP313,413 FR113 FS313,613 FU313,353,413 FV313,413 TRACTOR -FP313,NW413 CRANE -K253,303,523 602 FIRE ENGINE -FT313,413	MP107H3 (1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)	63-107-1 63-107-2	1 1	1～5 1～5	99.90 99.90	106.02 106.02	3.000 3.000	31.13 31.13	ME093879～85 31209-70020 31209-01001 31209-00000
	R124H1	64-124-1 64-124-2 64-124-3	4 4 8	R1～4 L 1～4 1～8	89.91 89.91 89.91	95.02 95.02 95.02	2.510 2.510 2.510	37.63 37.63 37.63	31219-32010
	T124H	65-124-1	3	5	—	—	2.950	—	31209-33100
8DC9, 8DC90 1980～ DV8×16031CC・135×140 BUS -MS615 MU515,525 TRUCK -FP415,FR415 FS415 FT315,415 FU415 FV215,315,415 FW125,315,425 TRACTOR -FP415,445 CRANE -K401,450,602 K1200,1500	MP107H3 (1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)	63-107-1 63-107-2	1 1	1～5 1～5	99.90 99.90	106.02 106.02	3.000 3.000	31.13 31.13	ME093879～85 31209-70020 31209-01001 31209-00000
	R124H1	64-124-1 64-124-2 64-124-3	4 4 8	R1～4 L 1～4 1～8	89.91 89.91 89.91	95.02 95.02 95.02	2.510 2.510 2.510	37.63 37.63 37.63	31219-32010
	T124H	65-124-1	3	5	—	—	2.950	—	31209-33100
	P124H	67-124-1 67-124-(L)	2 —	1～8 —	50.00 —	56.10 —	3.010 —	40.20 56.50	ME062310 31219-34300 31219-34390
(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)									
8DC10 1985～ DV8×16752CC・138×140 TRUCK -FV416									
8DC11 1985～ DV8×17737CC・142×140 TRUCK -FV419,FW429 TRACTOR-FP419,449 NW419									
10DC6, 10DC60 1973～77/3 DV10×18608CC・135×130 BUS -MS504 TRUCK -FP204,FV204 CRANE -T813	MP107H3 (1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)	63-107-1 63-107-2	1 1	1～6 1～6	99.90 99.90	106.02 106.02	3.000 3.000	31.13 31.13	31909-70020 31909-00000
	RP107H3	64-107-1	2	1～10	83.94	90.02	3.000	37.63	31919-5100 31919-5000
(1 PAIR/PACKAGE, 10 PACKAGES/ENGINE)									
	T107H	65-107-1	3	6	—	—	2.950	—	31109-07109 31109-07101
	P107H	67-107-1	4	1～8	44.95	49.03	2.000	21.50	31219-05501 31219-05500
*2 PCS/CON-ROD TYPE (4 PCS/PACKAGE, 5 PACKAGES/ENGINE)									
10DC8, 10DC80 1974～77/3 DV10×18608CC・135×130 TRUCK -FP204,FV214	P114H	67-114-1	2	1～8	44.95	51.03	3.000	48.00	31219-02200
*1 PC/CON-ROD TYPE (2 PCS/PACKAGE, 5 PACKAGES/ENGINE)									

MITSUBISHI FUSO

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
10DC60 1977/4～83 DV10×18608CC・135×130 BUS -MS504 TRUCK -EP204 10DC80 1977/4～80 DV10×18608CC・135×130 TRUCK -FP214	MP107H3	63-107-1	1	1～6	99.90	106.02	3.000	31.13	31909-70020 31909-00000
		63-107-2	1	1～6	99.90	106.02	3.000	31.13	
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)								
	RP114H1	64-114-1	1	R1～5	83.94	90.02	3.000	37.63	31919-71010
		64-114-2	1	L1～5	83.94	90.02	3.000	37.63	
		64-114-3	2	1～10	83.94	90.02	3.000	37.63	
	(2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)								
	T114H	65-114-1	3	6	—	—	2.950	—	31209-78101
	P125H	67-125-1	2	1～10	44.95	51.02	3.000	41.70	31219-70600
		67-125-(L)	—	—	—	—	—	56.50	
	(2 PCS/PACKAGE, 5 PACKAGES/ENGINE)								

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
2AA1 1973~ D2×975CC · 86×84 FOR INDUSTRIAL USE 2AB1 1971~ D2×1184CC · 86×102 FOR INDUSTRIAL USE	M174H	63-160-1 63-160-2	4 2	1,3 2	69.92 69.92	74.00 74.00	2.015 2.015	30.63 21.53	5-11510-011
	R174H	64-160-1	4	1~2	52.92	56.00	1.510	22.53	5-12271-005
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057
	P								9-12251-062
2AE1 1980~ D2×864CC · 80×86 FOR INDUSTRIAL USE	M								5-11510-049
	R180H	64-176-1	4	1~2	48.93	52.00	1.513	22.13	8-94110-930 8-94156-084 5-12271-032
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057
	P								5-12251-007
2KA1 1984~ D2×538CC · 70×70 2KB1 1984~ D2×584CC · 70×76 2KC1 1984~ D2×653CC · 74×76	M192A	63-192-1 63-192-2	3 3	1~3 1~3	51.92 51.92	56.00 56.00	2.008 2.008	16.53 16.53	8-94411-915
	R192A	64-192-1	4	1~2	42.93	46.00	1.507	16.53	5-12271-014
	T192A	65-192-1	2	—	—	—	2.660	—	5-11599-002
3AA1 1972~ D3×1463CC · 86×84 FOR INDUSTRIAL USE 3AB1 1972~ D3×1777CC · 86×102 FOR INDUSTRIAL USE 3AD1, 3AD1-T 1979~ D3×1498CC · 86×86 FOR INDUSTRIAL USE	M175H	63-160-1 63-160-2	4 4	1,3 2,4	69.92 69.92	74.00 74.00	2.015 2.015	30.63 21.53	5-11510-010
	R175H	64-160-1	6	1~3	52.92	56.00	1.510	22.53	5-12271-005
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057
	C160L1	62-160-1 62-160-2 62-160-3	1 1 1	1 2 3	47.95 47.95 47.95	52.04 52.04 52.04	2.000 2.000 2.000	22.00 22.00 22.00	5-11610-002 9-11610-602
	P								9-12251-062
3AE1 1980~ D3×1296CC · 80×86 FOR INDUSTRIAL USE 3AF1 1980~85 D3×1170CC · 76×86 FOR INDUSTRIAL USE	M								5-11510-033
	R807H1	64-807-1	6	1~3	48.93	52.00	1.513	22.13	5-12271-032 8-94110-930
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057 5-12251-007
	P								

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MODEL・YEAR NOS.OF CYL X CYL CAPACITY・BORE X STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
3KA1 1984~ D3×808CC・70×70 3KB1 1984~ D3×877CC・70×76 3KC1 1984~ D3×980CC・74×76	M193A	63-192-1 63-192-2	4 4	1~4 1~4	51.92 51.92	56.00 56.00	2.008 2.008	16.53 16.53	8-94411-291 5-11510-061 8-94380-527 5-12271-014 5-11599-002 5-11599-003
	R193A	64-192-1	6	1~3	42.93	46.00	1.507	16.53	
	T192A	65-192-1	2	—	—	—	2.660	—	
	T806A	65-806-1	2	—	—	—	2.660	—	
3KR1 1984~ D3×1422CC・81×92	M806A	63-806-1 63-803-2	4 4	1~4 1~4	59.92 59.92	64.00 64.00	2.010 2.010	16.53 16.53	8-94334-3090 5-11510-066 8-94156-084 5-11599-003
	R								
	T806A	65-806-1	2	—	—	—	2.660	—	
3LA1 D3×920CC・70×79.7 3LB1 D3×1124CC・77.4×79.7	M199A	63-199-1 63-192-2	4 4	1~4 1~4	51.92 51.92	56.00 56.00	2.008 2.008	16.53 16.53	8-97309-5820 8-97037-5920 8-94334-3080
3LB1-T D3×1124CC・77.4×79.7	M805A	63-805-1 63-805-2	5 5	1~5 1~5	55.92 55.92	60.00 60.00	2.010 2.010	16.53 16.53	8-97077-7850 8-97077-7860
	R								
3LD1 D3×1496CC・83.1×92.0	M803A	63-803-1 63-803-2	4 4	1~4 1~4	59.92 59.92	64.00 64.00	2.010 2.010	16.53 16.53	8-97045-3890 8-94334-3100
	R								
4LC1 D4×1731CC・77.4×92.0	M								8-97077-7940 8-97077-7930
	R804A	64-804-1	8	1~4	45.93	49.00	1.507	16.53	
4LE1 D4×2179CC・85×96	M804A	63-803-1 63-803-2	5 5	1~5 1~5	59.92 59.92	64.00 64.00	2.010 2.010	16.53 16.53	8-97045-3890 8-94334-3100
	R								
4BA1 1971~75 D4×2755CC・98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	M168H	63-168-1	10	1~5	75.91	81.02	2.525	27.83	5-11510-002 9-11510-608
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-12271-608 5-12271-002 9-11585-601
	C168L	62-168-1 62-168-2	1 3	1 2~4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	
	P177H	67-177-1	4	1~4	32.98	38.03	2.530	38.00	5-87810-017 9-12251-603

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4BA1 1975～79 D4×2755CC・98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	M168H	63-168-1	10	1～5	75.91	81.02	2.525	27.83	5-11510-002 9-11510-608
	R168H1	64-168-1	8	1～4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C168L	62-168-1 62-168-2	1 3	1 2～4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	5-87810-017
	P177H	67-177-1	4	1～4	32.98	38.03	2.530	38.00	9-12251-603
4BA1 1979～82 D4×2755CC・98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	M								5-11510-051
	R168H1	64-168-1	8	1～4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C168L	62-168-1 62-168-2	1 3	1 2～4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	5-87810-017
	P170H	67-169-1	4	1～4	32.99	36.03	1.530	38.00	9-12251-059
4BA1 1982～85/10 D4×2755CC・98×92 BUS -BL34	M								5-11510-065
	R168H1	64-168-1	8	1～4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P170H	67-169-1	4	1～4	32.99	36.03	1.530	38.00	9-12251-059
4BA1 1985/11～ D4×2755CC・98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	M177H1	63-177-1 63-177-2	9 1	1～5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	8-94114-564 5-11510-060
	R168H1	64-168-1	8	1～4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P170H	67-169-1	4	1～4	32.99	36.03	1.530	38.00	9-12251-059

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4BB1 1972~76 D4×3595CC · 102×110 BUS -BE20 TRUCK -KS11,21,31	M168H	63-168-1	10	1~5	75.91	81.02	2.525	27.83	5-11510-002 9-11510-608
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C168L	62-168-1 62-168-2	1 3	1 2~4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	5-87810-017
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BB1 1977~78 D4×3595CC · 102×110 BUS -BE20 TRUCK -KS11,21,31	M168H	63-168-1	10	1~5	75.91	81.02	2.525	27.83	5-11510-002 9-11510-608
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11693-035 9-11691-048
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BB1 1979~81 D4×3595CC · 102×110 BUS -BE20 TRUCK -KS11,21,31	M								5-11510-051-0
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11693-035 9-11691-048
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BB1 1981~85/10 D4×3595CC · 102×110 TRUCK -KS11,21,31	M								5-11510-065-0
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4BB1 1985/11~ D4×3595CC · 102×110 ELF -KS11,21,31	M177H1	63-177-1 63-177-2	9 1	1~5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	8-94114-564 8-97011-024 5-11510-060
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BC1 1979~81/9 D4×3268CC · 102×110 TRUCK -TLD55,65 BUS -BL35	M								5-11510-051
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	5-12271-002 9-12271-608
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P170H	67-169-1	4	1~4	32.99	36.03	1.530	38.00	9-12251-059
4BC1 1981~84 D4×3268CC · 102×100 TRUCK -TLD55,65 BUS -BL35,36	M177H1	63-177-1 63-177-2	9 1	1~5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	8-94114-564 5-11510-060 8-97011-024
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	5-12271-002 9-12271-608
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11693-035 9-11691-048
	P177H	67-177-1	4	1~4	32.98	38.03	2.530	38.00	9-12251-603 5-12251-010
4BC2 1980~84/10 D4×3268CC · 102×100 TRUCK -TLD26,46,56,66 NKR57,NPR57 KT16,26,36,46 BUS -BL36,46	M177H1	63-177-1 63-177-2	9 1	1~5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	8-97011-024 8-94114-564 5-11510-060
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	5-12271-002 5-12271-010 9-12271-608
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 9-12251-602 5-12251-006
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4BC2 1984/11~ D4×3268CC · 102×100 TRUCK -TLD26,46,56,66 NKR57,NPR57 KT16,26,36,46 BUS -BL36,46	M177H1	63-177-1 63-177-2	9 1	1~5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	8-97011-024 8-94114-564 5-11510-060
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	8-97011-031 5-12271-002 5-12271-010 9-12271-608
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 9-12251-602 5-12251-006
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BD1 1979~80/4 D4×3856CC · 102×118 TRUCK -KS12,22,32,42 BUS -BE22	M178H	63-178-1 63-178-2	9 1	1~5 3	79.91 79.91	85.02 85.02	2.525 2.525	26.83 26.83	5-11510-054
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BD1, 4BD1-T 1980/5~ D4×3856CC · 102×118 TRUCK -KS12,22,32,42 NPR59,NPS59 BUS -BE22	M190H1	63-182-1 63-182-2	9 1	1~5 3	79.91 79.91	85.02 85.02	2.518 2.518	26.83 26.83	8-94117-032 5-11510-064
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4BE1, 4BE2 1985~ D4×3636CC · 105×105 TRUCK -NKR58,63 NKS58	M177H1	63-177-1 63-177-2	9 1	1~5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	5-11510-060 8-94114-564 8-97011-024
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	5-12271-002 5-12271-010 9-12271-608
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	5-11685-001 8-94114-565
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4BG1 1986~ D4×4329CC · 105×125 TRUCK -NPR61	M190H1	63-182-1 63-182-2	9 1	1~5 3	79.91 79.91	85.02 85.02	2.158 2.158	26.83 26.83	5-11510-064 8-94117-032
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	5-12271-002 5-12271-010 9-12271-608
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	8-94114-565 5-11685-001
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P168H	67-168-1	4	1~4	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P168HS	67-168-1S	4	1~4	—	—	—	—	1-12251-027/NB
4EC1 1985~ D4×1487CC · 76×82 GEMINI -JT600	M187A	63-187-1 63-187-2	5 5	1~5 1~5	47.92 47.92	52.00 52.00	2.006 2.006	15.50 15.50	8-94151-600~3
	R187A	64-187-1	8	1~4	45.93	49.00	1.506	16.80	8-94314-253~5 8-94151-604~6
	T187A	65-187-1	2	2	—	—	2.210	—	8-94321-611 8-94124-100
	P187H	67-187-1	4	1~4	21.99	25.02	1.497	23.75	8-94251-216
4EC1-T NAVI 1985~ D4×1487CC · 76×82 GEMINI -JT150,600	M194A	63-194-1 63-194-2	5 5	1~5 1~5	51.92 51.92	56.00 56.00	2.006 2.006	15.53 15.53	8-94470-527~30 8-94154-014~7
	R187A	64-187-1	8	1~4	45.93	49.00	1.506	16.80	8-94314-253~5 8-94151-604~6
	T P								8-94427-387 8-94114-054

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4HF1 1990~ D4×4334CC · 112×110 ELF -NKR66,NPR66 4HG1 1997~ D4×4570CC · 115×110 -NKS71,NKR71	M801H	63-801-1	5	1~5	81.91	87.02	2.518	27.33	8-97045-915~7
		63-801-2	5	1~5	81.91	87.02	2.518	27.33	
	R801H	64-801-1	8	1~4	65.89	70.00	2.013	30.43	8-97045-800~1
	T801A	65-801-1	2	—	—	—	3.000	—	8-94396-980 8-94399-277 8-94399-283
		65-801-2	1	—	—	—	3.000	—	
	C801A (FOR 4HF1)	62-801-1	10	1~5	39.95	43.03	1.500	22.13	8-94363-380
4HK1 2005~ D4×5193CC · 115×125 TRUCK -FRD90,FRR90	M801H	63-801-1	5	1~5	81.91	87.02	2.518	27.33	8-97045-915~7 8-97372-076~8 8-97219-456~8
		63-801-2	5	1~5	81.91	87.02	2.518	27.33	
	R808H	64-808-1	8	1~4	72.90	78.00	2.517	30.43	8-94395-757 8-97131-186 8-98064-281 8-98064-282
	R814H (Upper & Lower type)	64-808-1	4	1~4	72.89	78.00	2.517	30.43	8-94391-794-1
		64-814-1	4	1~4	72.89	78.00	2.517	30.43	
	T801A	65-801-1	2	—	—	—	3.000	—	8-94396-980 8-94399-277 8-94399-283
		65-801-2	1	—	—	—	3.000	—	
4JA1 1985~ D4×2499CC · 93×92 TRUCK -NHR54,55 4JC1 1986~ D4×2238CC · 88×92 4JD1 1986~ D4×2039CC · 84×92 4JE1 1987~ D4×1862CC · 84×84 4JF1 1987~ D4×1496CC · 75.3×84 D201 1985~88 D4×2238CC · 88×92	M184A1	63-184-1	5	1~5	59.92	64.00	2.006	23.00	8-97063-261~3 8-94340-693~5 8-94168-553 8-94462-131 8-94314-314 8-94338-581
		63-184-2	5	1~5	59.92	64.00	2.006	23.00	
	R184A1	64-184-1	8	1~4	52.92	56.00	1.513	25.80	8-94324-159 8-94125-747
	T184A	65-184-1	2	3	—	—	2.480	—	8-94454-605 8-94125-752 8-94168-555 8-94454-604 8-11581-045
	C184A1	62-184-1	1	1	49.95	54.04	2.010	25.00	8-94168-556
		62-184-2	2	2,3	49.95	54.04	2.010	22.00	
	P184H1	67-184-1	4	1~4	30.99	34.03	1.530	33.00	8-94419-455 8-94247-968
	M184A1	63-184-1	5	1~5	59.92	64.00	2.006	23.00	8-97063-261~3 8-94340-693~5 8-94168-553 8-94462-131 8-94314-314 8-94338-581
		63-184-2	5	1~5	59.92	64.00	2.006	23.00	
	R184A1	64-184-1	8	1~4	52.92	56.00	1.513	25.80	8-94324-159 8-94125-747
	T184A	65-184-1	2	3	—	—	2.480	—	8-94454-605 8-94125-752 8-94168-555 8-94454-604 8-11581-045
	C184A1	62-184-1	1	1	49.95	54.04	2.010	25.00	8-94168-556
		62-184-2	2	2,3	49.95	54.04	2.010	22.00	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4JB1 1985~ D4×2771CC · 93×102 TRUCK -WHR55 TROOPER -UBS55	M185A	63-185-1 63-185-2	5 5	1~5 1~5	69.92 69.92	74.00 74.00	2.006 2.006	23.03 23.03	8-94168-552 8-94453-761 8-94481-026~8 8-94481-029~31
	R184A1	64-184-1	8	1~4	52.92	56.00	1.513	25.80	8-9324-159 8-94125-747
	T185A	65-185-1	2	3	—	—	2.480	—	8-94453-520 8-94168-554 8-94130-923 8-94453-762
	C184A1	62-184-1 62-184-2	1 2	1 2,3	49.95 49.95	54.04 54.04	2.010 2.010	25.00 22.00	8-94168-556
	P184H1	67-184-1	4	1~4	30.99	34.03	1.530	33.00	8-94419-455 8-94247-968
	P184H1S	67-184-1S	4	1~4	—	—	—	—	8-94419-455/NB 8-94247-968/NB
4JG2 1991~ D4×3059CC · 95.4×107 ELF -NHR69,NHS69A BIG HORN -UBS69	M185A	63-185-1 63-185-2	5 5	1~5 1~5	69.92 69.92	74.00 74.00	2.006 2.006	23.03 23.03	8-94168-552 8-94453-761 8-94481-026~8 8-94481-029~31 8-97063258-0
	R184A1	64-184-1	8	1~4	52.92	56.00	1.513	25.80	8-97358234-0 8-9324-159 8-94125-747
	T185A	65-185-1	2	3	—	—	2.480	—	8-94453-520 8-94168-554 8-94130-923 8-94453-762
	P185H	67-185-1	4	1~4	34.00	37.02	1.530	33.00	8-97311-438-0 8-97383-066-0
	P185HS	67-185-1S	4	1~4	—	—	—	—	8-97311-438-0/NB 8-97383-066-0/NB
4XC1, 4XC1-T 1985~ G4×1471CC · 77×79 GEMINI -JT150	M181A	63-181-1 63-181-2	5 5	1~5 1~5	47.92 47.92	52.00 52.00	2.009 2.009	17.13 17.13	8-94457-034~7 8-94151-528~30 8-94151-527
	R181A	64-181-1	8	1~4	39.93	43.00	1.504	17.13	8-94151-531~3
	T181A	65-181-1	2	3	—	—	2.210	—	8-94409-869 8-94257-903
4XE1 1990~ G4×1588CC · 80×79 GEMINI -JT190	M191A	63-191-1 63-191-2	5 5	1~5 1~5	51.92 51.92	56.00 56.00	2.009 2.009	17.13 17.00	8-94360-465~8
	R191A	64-181-1 64-191-2	4 4	1~4	39.93	43.00	1.504	17.13	8-94481-860~2
	T181A	65-181-1	2	3	—	—	2.210	—	8-94409-869 8-94257-903

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4ZA1 1981～ G4×1584CC・82×84 FARGO－WFR10	M172A	63-172-1	10	1～5	55.92	60.00	2.011	21.86	8-94251-263 8-94414-301～2 8-94240-676 8-94101-043 8-94232-051 5-11510-030
4ZB1, 4ZB1-T 1981～ G4×1817CC・84×82 FARGO－WFR11 ASKA－JJ110	R172A1	64-172-1	8	1～4	48.93	52.00	1.505	22.00	8-94251-266 8-94414-305～6 8-94483-772
4ZC1, 4ZC1-T 1983～ G4×1994CC・88×82 ASKA－JJ120 PIAZZA－JR120 TROOPER－UBS12 FARGO－WFR12	T171A1	65-171-1	2	3	—	—	2.360	—	8-94251-265
4ZD1 1985～ G4×2254CC・89.3×90 TROOPERⅡ									
4ZE1 1987～ G4×2559CC・92.6×95 MU－UCS17 TROOPERⅡ	M197A	63-172-1 63-197-2	5 5	1～5 1～5	55.92 55.92	60.00 60.00	2.011 2.011	21.86 21.86	8-94446-580～2 8-94340-684
	R172A1	64-172-1	8	1～4	48.93	52.00	1.505	22.00	8-94440-093～5
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94481-907 8-94251-265
6BB1 1972～76/5 D6×5393CC・102×110 TRUCK－FBR320,370 FORWARD 450 SBR320,322 372,380 400,450 452,482 500,522 552,560 JBR360,420 460,500 550,650 YBR310,320 360 BUS－DBR370,BK32	M169H	63-168-1	14	1～7	75.91	81.02	2.525	27.83	9-11510-606
	R169H1	64-168-1	12	1～6	63.93	68.02	2.013	29.93	5-12271-010 9-12271-608 5-12271-002
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C173L	62-168-1 62-168-2	1 5	1 2～6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P173H	67-168-1	6	1～6	34.98	38.03	1.530	38.00	9-12251-602 1-12251-027 5-12251-006
	P173HS	67-168-1S	6	1～6	—	—	—	—	1-12251-027/NB

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6BB1 1976/6~78 D6×5393CC · 102×110 TRUCK -FBR320,370 450 SBR322,372 452,482 522,552 JBR360,420 460,500 550,650 BUS -CCM410,BK32 6BD1 1976~78 D6×5785CC · 102×118 TRUCK -SCR320,370 380,450 480,550 650 SCS330,370 420 BUS -ECM430	M173H1	63-173-1 63-173-2	13 1	1~7 5	79.91 79.91	85.02 85.02	2.525 2.525	27.83 27.83	5-11510-048 5-11510-013 5-11510-046
	R169H1	64-168-1	12	1~6	63.93	68.02	2.013	29.93	5-12271-010 9-12271-608 9-12271-178
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	1-11680-001 5-11685-001
	C173L	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P173H	67-168-1	6	1~6	34.98	38.03	1.530	38.00	9-12251-602 1-12251-027 5-12251-006
	P173HS	67-168-1S	6	1~6	—	—	—	—	1-12251-027/NB
6BB1 1979~80/4 D6×5393CC · 102×110 TRUCK -SBR322,372 452,482 522,552 JBR360,420 460,500 550,650 BUS -DBR370 6BD1, 6BD1-T 1979~80/4 D6×5785CC · 102×118 TRUCK -SCR320,370 380,450 480,550 650 SCS330,370 420 BUS -CCM410 6BF1, 6BF1-T 1976~80/4 D6×6130CC · 105×118 TRUCK -JDR360,420 460,500 550,650 FDR320,370 420,450 480,550 SDR320,370 420,450 480,550 650	M								1-11510-036 1-11510-032
	R169H1	64-168-1	12	1~6	63.93	68.02	2.013	29.93	9-12271-608 5-12271-010 9-12271-178
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	1-11680-001 5-11685-001
	C173L	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P173H	67-168-1	6	1~6	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P173HS	67-168-1S	6	1~6	—	—	—	—	1-12251-027/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6BB1 1979~80/4 D6×5393CC · 102×110 TRUCK -SBR322,372 452,482 522,552 JBR360,420 460,500 550,650 BUS -DBR370 6BD1, 6BD1-T 1979~80/4 D6×5785CC · 102×118 TRUCK -SCR320,370 380,450 480,550 650 SCS330,370 420 BUS -CCM410 6BF1, 6BF1-T 1976~80/4 D6×6130CC · 105×118 TRUCK -JDR360,420 460,500 550,650 FDR320,370 420,450 480,550 SDR320,370 420,450 480,550 650	M182H1	63-182-1 63-182-2	7 7	1~7 1~7	79.91 79.91	85.02 85.02	2.525 2.525	26.83 26.83	1-11510-040 1-11510-074 1-11510-084 1-11510-036 1-11510-032
	R169H1	64-168-1	12	1~6	63.93	68.02	2.013	29.93	9-12271-608 5-12271-010 9-12271-178
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	—	1-11680-001 5-11685-000
	C173L	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P173H	67-168-1	6	1~6	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P173HS	67-168-1S	6	1~6	—	—	—	—	1-12251-027/NB
6BG1, 6BG1-T 1984~ D6×6494CC · 105×125 TRUCK -FRR12,NRR12 FRD12,FRR12 FRS12,FSD12 FSR12,FSS12 FTR12 BUS -LR212,MR112	M182H1	63-182-1 63-182-2	7 7	1~7 1~7	79.91 79.91	85.02 85.02	2.525 2.525	26.83 26.83	1-11510-040 1-11510-074 1-11510-084
	R169H1	64-168-1	12	1~6	63.93	68.02	2.013	29.93	9-12271-608 5-12271-002 5-12271-010
	T173H	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	5-11685-001 8-94114-565
	C173L	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P173H	67-168-1	6	1~6	34.98	38.03	1.530	38.00	1-12251-027 5-12251-006 9-12251-602
	P173HS	67-168-1S	6	1~6	—	—	—	—	9-12251-027/NB

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6HE1 1990~ D6×7127CC · 110×125 TRUCK -NRR32,FRR32 6HH1 1995~ D6×8226 · 115×132 TRUCK -FRS33,MR133	M802H	63-801-1	7	1~7	81.91	87.02	2.518	27.33	8-94393-327
		63-801-2	7	1~7	81.91	87.02	2.518	27.33	
	R802H	64-801-1	12	1~6	65.89	70.00	2.013	30.43	8-94393-328 8-97045-800 8-97045-801
	T801A	65-801-1	2	—	—	—	3.000	—	8-94396-980 8-94399-277 8-94399-283
		65-801-2	1	—	—	—	3.000	—	
	P802H	67-801-1	6	1~6	35.99	40.02	2.040	29.80	1-12251-036
		67-801-(L)	—	—	—	—	—	41.00	
6HE1-T D6×7127CC · 110×125 TRUCK -FRR32,FSR32 -FTR32,GTR32	M802H	63-801-1	7	1~7	81.91	87.02	2.518	27.33	8-94393-327
		63-801-2	7	1~7	81.91	87.02	2.518	27.33	
	R809H	64-808-1	12	1~6	72.97	78.00	2.517	30.43	8-94395-757 8-97131-186 8-98064-281 8-98064-282
	T801A	65-801-1	2	—	—	—	3.000	—	8-94396-980 8-94399-277 8-94399-283
		65-801-2	1	—	—	—	3.000	—	
	C803H	62-803-1	8	1~4	39.94	43.02	1.500	26.10	8-94390311-0
6HK1 1999~ D6×7790CC · 115×125 TRUCK -FTR,FRR	M802H	63-801-1	7	1~7	81.91	87.02	2.518	27.33	8-94391-514
		63-801-2	7	1~7	81.91	87.02	2.518	27.33	
	R809H	64-808-1	12	1~6	72.97	78.00	2.517	30.43	8-94395-757 8-97131-186 8-98064-281 8-98064-282
	T801A	65-801-1	2	—	—	—	3.000	—	8-94396-980 8-94399-277 8-94399-283
		65-801-2	1	—	—	—	3.000	—	
	C803H	62-803-1	8	1~4	39.94	43.02	1.500	26.10	8-97602699-0
6SD1, 6SD1-T 1985~ D6×9839CC · 120×145 TRUCK -CXG23,CXK23 -CXM23	M186H	63-186-1	7	1~7	89.91	96.02	3.013	27.63	1-11510-067
		63-186-2	7	1~7	89.91	96.02	3.013	27.63	
	R189H	64-189-1	12	1~6	79.89	85.00	2.513	32.63	1-12271-060 1-12271-084
	T186H	65-186-1	4	7	—	—	3.500	—	1-11599-005 1-11599-007
	P189H	67-189-1	6	1~6	42.88	47.04	2.040	29.80	1-12251-021-0 1-12251-021-1
		67-189-(L)	—	—	—	—	—	43.00	
6VD1 1991~ GV6×3165CC · 93×77 WIZARD -TA-UES25 -TA-UER25 MU -TA-UES25 BIGHORN -E-UBS25	M810A	63-810-1	4	—	63.92	69.00	2.521	18.53	8-97179-296~9 8-97179-300~3 8-97072-982~5 8-97072-978~81
		63-810-2	2	—	63.92	69.00	2.521	16.53	
		63-810-3	2	—	63.92	69.00	2.521	16.53	
	R810A	64-810-1	12	—	53.92	57.00	1.508	17.13	8-97179-293~5 8-97072-986~8
	T810A	65-810-1	2	—	—	—	1.950	—	8-97014-208

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
8PA1 1974~84 DV8×9971CC · 115×120 TRUCK -SKS390,440,520 8PB1, 8PB1-T 1978~ DV8×12217CC · 115×135 TRUCK -SMK551,601 641,701 SMM521,571 601,651 681,701 SMN641 SMR360,401 450,461 520,531 600,671 SMG481,521 571,631 SMH571,631 701 8PC1, 8PC1-T 1983~ DV8×12011CC · 119×135 TRUCK -CVR17,CXG17 CXK17,CXM17 CXW17	MP179H1	63-179-1 63-179-2	1 1	1~5 1~5	96.86 96.86	103.00 103.00	3.013 3.013	28.63 28.63	1-11510-008~9 1-11510-044~6 1-11510-051~2 1-11510-003
		(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)							
	RP179H1	64-179-1	4	1~8	77.89	84.00	3.013	26.00	1-12271-008 1-12271-007 1-12271-030
		(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)							
	T179H	65-179-1 65-179-2	2 2	5 5	— —	— —	3.420 3.420	— —	1-11515-004
	C179A	62-179-1 62-179-2 62-179-3 62-179-4 62-179-5 62-179-6	1 1 1 1 1 1	— — — — — —	— — — — — —	— — — — — —	— — — — — —	— — — — — —	1-11619-021-1 1-11611-003-2 1-11617-007-1 1-11618-006-1 1-11619-015-1 1-11619-018-1
	P179H	67-179-1 67-179-(L)	2 —	1~8 —	37.99 —	43.03 —	2.550 —	25.80 38.00	1-12251-001
		(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)							
8PD1 1989~ DV8×13741CC · 135×160 TRUCK -CXM70,CVR70	MP198H	63-198-1 63-198-2	1 1	1~5 1~5	104.86 104.86	110.00 110.00	2.513 2.513	27.73 27.73	1-11510-077~8 1-11510-068
		(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)							
	RP198H	64-198-1	4	1~8	81.89	87.00	2.513	25.63	1-12271-043
		(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)							
6QA1, 6QA2 1980~86 D6×11044CC · 125×150 TRUCK -DVR14 SJR361,531 461,601 BUS -CJM470,500 520,600									
	M188H	63-188-1 63-188-2 63-188-3 63-188-4 63-188-5 63-188-6	5 5 1 1 1 1	1,2,3,5,6 1,2,3,5,6 4 4 7 7	91.88 91.88 91.88 91.88 91.88 91.88	98.00 98.00 98.00 98.00 98.00 98.00	3.013 3.013 3.013 3.013 3.013 3.013	34.00 34.00 52.00 52.00 49.50 49.50	1-11510-037 1-11510-055 1-11510-034
	R188H	64-188-1	12	1~6	79.90	86.00	3.013	41.50	1-12271-026 1-12271-024
	T163H	65-163-1 65-163-2	2 2	1 1	— —	— —	3.470 3.470	— —	9-11515-198
	C188A	62-188-1 62-188-2 62-188-3 62-188-4 62-188-5 62-188-6 62-188-7	1 1 1 1 1 1 1	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	1-11611-008-0 1-11616-023-0 1-11617-015-0 1-11618-016-0 1-11619-052-0 1-11619-055-0 1-11619-080-0

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6RA1 1982~ D6×12023CC · 135×140 TRUCK -CVR14,CXK18 CXM16	M195H	63-195-1	1	4	99.90	106.00	3.010	51.00	1-11510-039 1-11510-073
		63-195-2	1	4	99.90	106.00	3.010	51.00	
		63-195-3	1	7	99.90	106.00	3.010	49.50	1-12271-029
		63-195-4	1	7	99.90	106.00	3.010	49.50	
		63-167-1	5	1,2,3,5,6	99.44	106.00	3.010	34.00	
		63-167-5	5	1,2,3,5,6	99.44	106.00	3.010	34.00	
	R167H1 (UP TO '85)	64-167-1	12	1~6	87.90	94.00	3.010	42.50	1-12271-029
	T167H	65-167-1	2	1	—	—	3.470	—	9-11515-216
		65-167-2	2	1	—	—	3.470	—	
	C188A	62-188-1	1	—	—	—	—	—	1-11611-008-0 1-11616-023-0 1-11617-015-0 1-11618-016-0 1-11619-052-0 1-11619-055-0 1-11619-080-0
		62-188-2	1	—	—	—	—	—	
		62-188-3	1	—	—	—	—	—	
		62-188-4	1	—	—	—	—	—	
		62-188-5	1	—	—	—	—	—	
		62-188-6	1	—	—	—	—	—	
		62-188-7	1	—	—	—	—	—	
	P167H	67-167-1	6	1~6	49.98	56.04	3.050	35.00	9-12251-088
		67-167-(L)	—	—	—	—	—	44.50	
6RB1 1981~ D6×13741CC · 135×160	M195H	63-195-1	1	4	99.90	106.00	3.010	51.00	1-11510-073 1-11510-060
		63-195-2	1	4	99.90	106.00	3.010	51.00	
		63-195-3	1	7	99.90	106.00	3.010	49.50	1-12271-048 1-12271-028
		63-195-4	1	7	99.90	106.00	3.010	49.50	
		63-167-1	5	1,2,3,5,6	99.44	106.00	3.010	34.00	
		63-167-5	5	1,2,3,5,6	99.44	106.00	3.010	34.00	
	R195H	64-195-1	12	1~6	89.90	96.00	3.010	38.80	1-12271-048 1-12271-028
	T167H	65-167-1	2	1	—	—	3.470	—	9-11515-216
		65-167-2	2	1	—	—	3.470	—	
	C188A	62-188-1	1	—	—	—	—	—	1-11611-008-0 1-11616-023-0 1-11617-015-0 1-11618-016-0 1-11619-052-0 1-11619-055-0 1-11619-080-0
		62-188-2	1	—	—	—	—	—	
		62-188-3	1	—	—	—	—	—	
		62-188-4	1	—	—	—	—	—	
		62-188-5	1	—	—	—	—	—	
		62-188-6	1	—	—	—	—	—	
		62-188-7	1	—	—	—	—	—	
	P167H	67-167-1	6	1~6	49.98	56.04	3.050	35.00	9-12251-088
		67-167-(L)	—	—	—	—	—	44.50	
6SA1, 6SA1-T 1983~92 D6×8413CC · 115×135 TRUCK -FRR13,FTR13	M186H	63-186-1	7	1~7	89.91	96.02	3.013	27.63	1-11510-067
		63-186-2	7	1~7	89.91	96.02	3.013	27.63	
	R186H	64-186-1	12	1~6	77.89	84.00	3.010	27.63	1-12271-050 1-12261-050
	T186H	65-186-1	4	7	—	—	3.500	—	1-11599-005
	P186H	67-186-1	6	1~6	37.98	43.03	2.530	25.80	1-12251-016
		67-186-(L)	—	—	—	—	—	38.00	

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
6WA1-T D6×12068CC・132.9×145 GIGA -CXM50,CYM50 -CYG50,CYH50 -CYL50 6WF1-T D6×14256CC・147×140 GIGAMAX -CYL51,CYY51 -CYJ51,CYG51 GIGA -CXZ51,CYZ51 -CYM51 6WG1-T D6×15681CC・147×154 GIGAMAX -EXD52,EXY52 GIGA -EXZ52,EXR52 -EXD52	M811H	63-811-1	7	1～7	104.90	111.00	3.010	37.50	1-11510-093	
		63-811-2	7	1～7	104.90	111.00	3.010	37.50		
	R811H	64-811-1	6	1～6	91.90	98.00	3.011	44.50	1-12271-072	
		64-811-2	6	1～6	91.90	98.00	3.011	44.50		
	10PA1 1974～84 DV10×12464CC・115×120 BUS -CRA580,650 TRUCK -SRG571,580 631,701 720,750 761 SRK680,701 710 SRM450,560 590,650 680,710 SRZ440,450 580,650 10PB1, 10PB1-T 1977～ DV10×12217CC・115×130 BUS -CSA580,650 TRUCK -SSG571,631 701,761 SSH571,631 701 SSK701 SSM451,571 601,651 681,701 710 SSZ440,490 450,650 701	MP179H1	63-179-1	1	1～6	96.86	103.00	3.013	28.63	1-11510-051～2 1-11510-044～6 1-11510-009
			63-179-2	1	1～6	96.86	103.00	3.013	28.63	
		(1 PAIR/PACKAGE,6 PACKAGES/ENGINE)								
		RP179H1	64-179-1	4	1～10	77.89	84.00	3.013	26.00	1-12271-030 1-12271-008 1-12271-007
			(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)							
		T179H	65-179-1	2	5	—	—	3.420	—	1-11515-004
65-179-2			2	5	—	—	3.420	—		
C179A		62-179-1	1	—	—	—	—	—	1-11619-021-1 1-11611-003-2 1-11617-007-1 1-11618-006-1 1-11619-015-1 1-11619-018-1	
		62-179-2	1	—	—	—	—	—		
		62-179-3	1	—	—	—	—	—		
		62-179-4	1	—	—	—	—	—		
		62-179-5	1	—	—	—	—	—		
		62-179-6	1	—	—	—	—	—		
P179H		67-179-1	2	1～8	37.99	43.03	2.550	25.80	1-12251-001	
		67-179-(L)	—	—	—	—	—	38.00		
(2 PCS/PACKAGE,5 PACKAGES/ENGINE)										

ISUZU

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
10PC1 1983～ DV10×15014CC・119×135 BUS -LV219,719 TRUCK -CVS19,CXG19 CXK19 CXL19,CXM19 CXZ19	MP179H1	63-179-1	1	1～6	96.86	103.00	3.013	28.63	1-11510-051～2 1-11510-044～6 1-11510-009	
		63-179-2	1	1～6	96.86	103.00	3.013	28.63		
	(1 PAIR/PACKAGE,6 PACKAGES/ENGINE)									
	RP179H1	64-179-1	4	1～10	77.89	84.00	3.013	26.00	1-12271-030 1-12271-008 1-12271-007	
	(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)									
	T179H	65-179-1	2	5	—	—	3.420	—	1-11515-004	
		65-179-2	2	5	—	—	3.420	—		
	C180A	62-180-1	1	—	—	—	—	—	1-11619-059-1	
		62-179-2	1	—	—	—	—	—	1-11611-003-2	
		62-179-3	1	—	—	—	—	—	1-11617-007-1	
		62-179-4	1	—	—	—	—	—	1-11618-006-1	
		62-179-5	1	—	—	—	—	—	1-11619-015-1	
		62-179-6	1	—	—	—	—	—	1-11619-018-1	
	P179H	67-179-1	2	1～8	37.99	43.03	2.550	25.80	1-12251-001	
		67-179-(L)	—	—	—	—	—	38.00		
(2 PCS/PACKAGE,5 PACKAGES/ENGINE)										
10PD1 1989～ DV10×16683CC・119×150 BUS -LV771 TRUCK -CXM71,CXZ71	MP198H	63-198-1	1	1～6	104.86	110.00	2.513	27.73	1-11510-077～8 1-11510-068	
		63-198-2	1	1～6	104.86	110.00	2.513	27.73		
	(1 PAIR/PACKAGE,6 PACKAGES/ENGINE)									
	RP198H	64-198-1	4	1～10	81.89	87.00	2.513	25.63	1-12271-043	
	(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)									
	T								1-11515-041 1-11510-098	
	P								1-12251-033	
	12PA1 1975～83 DV12×14958CC・115×120 TRUCK -VTZ440,VTR290 12PB1, 12PB1-T 1980～ DV12×16826CC・115×130 TRUCK -SVZ451,SVG701 VVR300,VVZ300	MP179H1	63-179-1	1	1～7	96.86	103.00	3.013	28.63	1-11510-053 1-11510-046 1-11510-008～9
			63-179-2	1	1～7	96.86	103.00	3.013	28.63	
		(1 PAIR/PACKAGE,7 PACKAGES/ENGINE)								
RP179H1		64-179-1	4	1～12	77.89	84.00	3.013	26.00	1-12271-008 1-12271-007 1-12271-030	
(2 PAIRS/PACKAGE,6 PACKAGES/ENGINE)										
T179H		65-179-1	2	5	—	—	3.420	—	1-11515-004	
		65-179-2	2	5	—	—	3.420	—		
C196A		62-179-1	1	—	—	—	—	—	1-11619-021-1	
		62-179-2	1	—	—	—	—	—	1-11611-003-2	
		62-196-2	1	—	—	—	—	—	1-11616-006-0	
		62-179-3	1	—	—	—	—	—	1-11617-007-1	
		62-179-4	1	—	—	—	—	—	1-11618-006-1	
		62-179-5	1	—	—	—	—	—	1-11619-015-1	
		62-179-6	1	—	—	—	—	—	1-11619-018-1	
P179H		67-179-1	2	1～8	37.99	43.03	2.550	25.80	1-12251-001	
		67-179-(L)	—	—	—	—	—	38.00		
(2 PCS/PACKAGE,6 PACKAGES/ENGINE)										

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
12PC1 1983～ DV12×18017CC・119×135 TRUCK -CXG21,CXM21 CXZ21,EXD21 EXR21,EXZ21	MP179H1 (1 PAIR/PACKAGE,7 PACKAGES/ENGINE)	63-179-1	1	1～7	96.86	103.00	3.013	28.63	1-11510-053 1-11510-046 1-11510-008～9
		63-179-2	1	1～7	96.86	103.00	3.013	28.63	
	RP179H1 (2 PAIRS/PACKAGE,6 PACKAGES/ENGINE)	64-179-1	4	1～12	77.89	84.00	3.013	26.00	1-12271-008 1-12271-007 1-12271-030
	T179H	65-179-1	2	5	—	—	3.420	—	1-11515-004
		65-179-2	2	5	—	—	3.420	—	
	C197A	62-180-1	1	—	—	—	—	—	1-11619-059-1 1-11611-003-2 1-11616-003-0 1-11617-007-1 1-11618-006-1 1-11619-015-1 1-11619-018-1
		62-179-2	1	—	—	—	—	—	
		62-196-2	1	—	—	—	—	—	
62-179-3		1	—	—	—	—	—		
62-179-4		1	—	—	—	—	—		
62-179-5		1	—	—	—	—	—		
62-179-6		1	—	—	—	—	—		
P179H (2 PCS/PACKAGE,6 PACKAGES/ENGINE)	67-179-1	2	1～8	37.99	43.00	2.550	25.80	1-12251-001	
	67-179-(L)	—	—	—	—	—	38.00		
12PD1 1989～ DV12×20019CC・119×150 TRUCK -CXZ72,EXR72 EXZ72	MP198H (1 PAIR/PACKAGE,7 PACKAGES/ENGINE)	63-198-1	1	1～7	104.86	110.00	2.513	27.73	1-11510-077～8 1-11510-068 1-11510-098
		63-198-2	1	1～7	104.86	110.00	2.513	27.73	
	RP198H (2 PAIRS/PACKAGE,6 PACKAGES/ENGINE)	64-198-1	4	1～12	81.89	87.00	2.513	25.63	1-12271-043 1-12271-076
	T P	1-11515-041 1-11510-098 1-12251-033							
C22NE, 22LE 1997～2003 D4×2,198CC RODEO HOLDEN RODEO	M812H	63-812-1	8	1,2,4,5	57.98	62.02	1.995	19.30	8-92061197-0
		63-812-(2)	2	3	57.98	62.02	1.995	25.62	
	R812H (One Oil Hole)	64-812-1	8	1～4	48.99	52.02	1.497	19.20	8-92028817-0
	R813H (Two Oil Holes)	64-813-1	8	1～4	48.99	52.02	1.497	19.20	
C190 1972～81 D4×1951CC・86×84 FLORIAN -PAD30 TRUCK -KBD20,40,41,46 ELF -KAD41,51,52,61	M153H1	63-153-1	4	1,5	59.92	64.00	2.013	30.50	5-11510-020 5-11510-006 9-11510-801
		63-153-2	4	2,4	59.92	64.00	2.013	23.00	
		63-153-4	2	3	59.92	64.00	2.013	38.00	
	R160H	64-160-1	8	1～4	52.92	56.00	1.510	22.53	5-12271-005 9-12271-168
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002 5-11610-005 9-11610-602 9-11610-032
		62-160-2	1	2	47.95	52.04	2.000	22.00	
		62-160-3	1	3	47.95	52.04	2.000	22.00	
P160H	67-160-1	4	1～4	27.00	30.03	1.530	34.00	9-12251-062 9-12251-062/NB	
P160HS	67-160-1S	4	1～4	—	—	—	—		

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
C190 1982~83/5 D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD41,46 ELF -KAD41,51 BUS -WFR51	M153H1	63-153-1	4	1,5	59.92	64.00	2.013	30.50	5-11510-020
		63-153-2	4	2,4	59.92	64.00	2.013	23.00	5-11510-006
		63-153-4	2	3	59.92	64.00	2.013	38.00	9-11510-801
	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	5-12271-005 9-12271-168
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	5-11610-005
		62-160-3	1	3	47.95	52.04	2.000	22.00	9-11610-602 9-11610-032
	M183H	63-183-1	4	2,4	59.92	64.00	2.013	27.50	8-94139-682
		63-153-2	4	1,5	59.92	64.00	2.013	23.00	8-94118-830
		63-183-3	2	3	59.92	64.00	2.013	28.70	8-94104-726 5-11510-036
C190 1983/6~83/10 D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD41,46 ELF -KAD41,51 BUS -WFR51	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	5-12271-005
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	
		62-160-3	1	3	47.95	52.04	2.000	22.00	
	M183H	63-183-1	4	2,4	59.92	64.00	2.013	27.50	8-94139-682
		63-153-2	4	1,5	59.92	64.00	2.013	23.00	8-94118-830
		63-183-3	2	3	59.92	64.00	2.013	28.70	8-94194-726 5-11510-036
	R								8-94142-208 8-94118-834 8-94120-242
C190 1983/11~ D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD41,46 ELF -KAD41,51 BUS -WFR51	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	
		62-160-3	1	3	47.95	52.04	2.000	22.00	
	M159H	63-158-1	3	1~3	64.92	69.00	2.007	28.40	9-11510-125
		63-159-2	3	1~3	64.92	69.00	2.007	28.40	
	R157H	64-157-1	8	1~4	52.92	56.00	1.513	26.33	9-12271-132
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C157L	62-157-1	2	1,2	44.95	48.03	1.500	25.00	9-11610-022
		62-157-2	1	3	44.95	48.03	1.500	25.00	
DL201 1964~68 D4×1991CC · 83×92	P157H	67-157-1	4	1~4	24.99	28.00	1.490	34.00	9-12251-061 9-12251-048 9-12251-038

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POS- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
C221 1968~79 D4×2207CC · 83×102 ELF -TLD22,32,52	M160H2	63-160-1	4	1,5	69.92	74.00	2.015	30.63	5-11510-021
		63-160-2	4	2,4	69.92	74.00	2.015	21.53	5-11510-005
		63-160-4	2	3	69.92	74.00	2.015	36.13	9-11510-163 9-11510-149
	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	5-12271-005 9-12271-168 9-12271-152
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057
	C153L	62-153-1	1	1	47.95	52.04	2.000	25.00	5-11610-005
		62-153-2	1	2	47.95	52.04	2.000	25.00	9-11610-602
		62-153-3	1	3	47.95	52.04	2.000	25.00	9-11610-032
	P157H	67-157-1	4	1~4	24.99	28.00	1.490	34.00	9-12251-061
C223 1980~83/10 D4×2238CC · 88×92 117 COUPE -PAD96 TROOPER -UBS52 TRUCK -KBD21,26,42	M153H1	63-153-1	4	1,5	59.92	64.00	2.013	30.50	5-11510-020
		63-153-2	4	2,4	59.92	64.00	2.013	23.00	
		63-153-4	2	3	59.92	64.00	2.013	38.00	
	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	8-94462-943 8-94120-242 5-12271-005
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048 8-94125-752
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	
		62-160-3	1	3	47.95	52.04	2.000	22.00	
	P								5-12251-005
C223, C223-T 1983/11~ D4×2238CC · 88×92 TROOPER -UBS52 TRUCK -KBD21,26,27,42 RODEO -KBD47,TSF52	M183H	63-183-1	4	2,4	59.92	64.00	2.013	27.50	8-94118-830
		63-153-2	4	1,5	59.92	64.00	2.013	23.00	
		63-183-3	2	3	59.92	64.00	2.013	28.70	
	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	8-94462-943 8-94120-242 5-12271-005
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	
		62-160-3	1	3	47.95	52.04	2.000	22.00	
C240 1969~85/4 D4×2369CC · 86×102 ELF -TLD13,23,33,43 53,63 KAD52,62 KUD20	M160H2	63-160-1	4	1,5	69.92	74.00	2.015	30.63	5-11510-021
		63-160-2	4	2,4	69.92	74.00	2.015	21.53	5-11510-005
		63-160-4	2	3	69.92	74.00	2.015	36.13	9-11510-163 9-11510-149
	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	5-12271-005 9-12271-168
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	5-11610-005
		62-160-3	1	3	47.95	52.04	2.000	22.00	9-11610-602 9-11610-032
	P160H (UP TO '81)	67-160-1	4	1~4	27.00	30.03	1.530	34.00	9-12251-062
	P160HS	67-160-1S	4	1~4	—	—	—	—	9-12251-062/NB

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
C240 1985/5~ D4×2369CC · 86×102 ELF -TLD23,KAD52	M160H2	63-160-1	4	1,5	69.92	74.00	2.015	30.63	5-11510-021
		63-160-2	4	2,4	69.92	74.00	2.015	21.53	5-11510-005
		63-160-4	2	3	69.92	74.00	2.015	36.13	9-11510-163 9-11510-149
	R160H	64-160-1	8	1~4	52.92	56.00	1.510	22.53	5-12271-005 9-12271-168
	T160H	65-160-1	2	3	—	—	2.480	—	9-11581-057
	C160L1	62-160-1	1	1	47.95	52.04	2.000	22.00	5-11610-002
		62-160-2	1	2	47.95	52.04	2.000	22.00	5-11610-005
		62-160-3	1	3	47.95	52.04	2.000	22.00	9-11610-602 9-11610-032
	P								9-12251-005
C330 1970~72 D4×3318CC · 98×110 ELF -KS10,20	M168H	63-168-1	10	1~5	75.91	81.02	2.525	27.83	5-11510-043 9-11510-167
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-178 9-12271-175 9-12271-157
	T169H	65-169-1	2	4	—	—	3.000	—	9-11585-065
		65-169-2	2	4	—	—	3.000	—	
	C168L	62-168-1	1	1	55.95	60.05	2.000	20.00	9-11691-048 9-11693-035
		62-168-2	3	2~4	55.95	60.05	2.000	20.00	
	P170H	67-169-1	4	1~4	32.99	36.03	1.530	38.00	9-12251-059
C330 1973~75 D4×3318CC · 98×110 ELF -KS10,20	M168H	63-168-1	10	1~5	75.91	81.02	2.525	27.83	5-11510-043 9-11510-167
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-178 9-12271-175 9-12271-157
	T169H	65-169-1	2	4	—	—	3.000	—	9-11585-065
		65-169-2	2	4	—	—	3.000	—	
	C168L	62-168-1	1	1	55.95	60.05	2.000	20.00	9-11691-048 9-11693-035
		62-168-2	3	2~4	55.95	60.05	2.000	20.00	
	P177H	67-177-1	4	1~4	32.98	38.03	2.530	38.00	9-12251-603 5-12251-010
C330 1976~81 D4×3318CC · 98×110 ELF -K820	M168H	63-168-1	10	1~5	75.91	81.02	2.525	27.83	5-11510-043 9-11510-167
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-178 9-12271-175 9-12271-157
	T169H	65-169-1	2	4	—	—	3.000	—	9-11585-065
		65-169-2	2	4	—	—	3.000	—	
	C177L	62-168-1	1	1	55.95	60.05	2.000	20.00	9-11691-048 9-11693-035
		62-168-2	2	2,3	55.95	60.05	2.000	20.00	
	P177H	67-177-1	4	1~4	32.98	38.03	2.530	38.00	9-12251-603 5-12251-010

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
C330 1982~83 D4×3318CC · 98×110 ELF	M								8-94153-512 5-11510-065
	R168H1	64-168-1	8	1~4	63.93	68.02	2.013	29.93	9-12271-178 9-12271-175 9-12271-157
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C177L	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P177H	67-177-1	4	1~4	32.98	38.03	2.530	38.00	9-12251-603 5-12251-010
D500 1970~81 D6×4978CC · 98×110 TRUCK -TR20,30,40,50 60,70 BUS -BY31,BK30	M169H	63-168-1	14	1~7	75.91	81.02	2.525	27.83	5-11510-041
	R169H1	64-168-1	12	1~6	63.93	68.02	2.013	29.93	9-12271-178 9-12271-157
	T169H	65-169-1 65-169-2	2 2	4 4	— —	— —	3.000 3.000	— —	9-11585-065
	C173L	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P169H	67-169-1	6	1~6	32.99	36.03	1.530	38.00	9-12251-059
D500 1982~84 D6×4978CC · 98×110	M								1-11510-041
	R169H1	64-168-1	12	1~6	63.93	68.02	2.013	29.93	9-12271-157 9-12271-178
	T168H	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	9-11585-601
	C173L	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	9-11691-048 9-11693-035
	P169H	67-169-1	6	1~6	32.99	36.03	1.530	38.00	9-12251-059
D920 1967~80 D6×9203CC · 125×125 TRUCK -TD81,91 BUS -BU05	M163H2	63-156-3 63-156-5 63-156-7 63-163-3	10 2 1 1	1,2,3,5,6 4 7 7	91.88 91.88 91.88 91.88	98.00 98.00 98.00 98.00	3.010 3.010 3.010 3.010	36.00 56.00 50.50 50.50	9-11510-151
	R163H	64-163-1	12	1~6	79.90	86.00	3.010	44.63	9-12271-153
	T163H	65-163-1 65-163-2	2 2	1 1	— —	— —	3.470 3.470	— —	9-11515-198
DA120 1958~65 D6×6126CC · 100×130 TRUCK -TSD40,TWD20, TXD40 GD150F 1958~65 D6×5654CC · 100×120 FIRE ENGINE -TXG20	M154H	63-154-(1) 63-154-(2) 63-154-3 63-154-4 63-154-5 63-154-6	1 1 5 5 1 1	1 1 2~6 2~6 7 7	74.92 74.92 74.92 74.92 74.92 74.92	82.02 82.02 82.02 82.02 82.02 82.02	3.510 3.510 3.510 3.510 3.510 3.510	40.43 40.43 28.13 28.13 44.13 44.13	9-11510-109 9-11510-088 9-11510-021
	R154H	64-154-1 64-154-2	6 6	1~6 1~6	63.93 63.93	70.02 70.02	3.010 3.010	37.63 37.63	9-12271-096 9-12271-095 9-12271-081
	C155A	62-155-1 62-155-2 62-155-3 62-155-4	1 1 1 1	— — — —	— — — —	— — — —	— — — —	— — — —	
	P154H	67-154-1	6	1~6	34.00	40.03	3.030	37.10	9-12251-083

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
DA120 1965~81 D6×6126CC · 100×130 TRUCK -TSD40,TWD20 TXD40,50,60,70 GD150 1965~73 D6×5654CC · 100×120 FIRE ENGINE -TXG10,20,50	M155H	63-154-3	6	1~6	74.92	82.02	3.510	28.13	9-11510-136 9-11510-127
		63-154-4	6	1~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	R154H	64-154-1	6	1~6	63.93	70.02	3.010	37.63	9-12271-121 9-12271-105
		64-154-2	6	1~6	63.93	70.02	3.010	37.63	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
	C155A	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
	P154H	67-154-1	6	1~6	34.00	40.03	3.030	37.10	9-12251-083
DA220 1965~81 D4×4084CC · 100×130 FOR INDUSTRIAL USE	M165H2	63-154-3	4	1~4	74.92	82.02	3.510	28.13	1-11510-026 9-11510-138
		63-154-4	4	1~4	74.92	82.02	3.510	28.13	
		63-154-5	1	5	74.92	82.02	3.510	44.13	
		63-154-6	1	5	74.92	82.02	3.510	44.13	
	R164H	64-154-1	4	1~4	63.93	70.02	3.010	37.63	9-12271-121 9-12271-105
		64-154-2	4	1~4	63.93	70.02	3.010	37.63	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
	P164H	67-154-1	4	1~4	34.00	40.03	3.030	37.10	9-12251-083
DA220LA 1978~81 D4×4084CC · 100×130 FOR INDUSTRIAL USE	M								
	R164H	64-154-1	4	1~4	63.93	70.02	3.010	37.63	9-12271-121
		64-154-2	4	1~4	63.93	70.02	3.010	37.63	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
	P164H	67-154-1	4	1~4	34.00	40.03	3.030	37.10	9-12251-083
DA640 1958~64 D6×6373CC · 102×130 BUS -BXD30,BA741	M154H	63-154-(1)	1	1	74.92	82.02	3.510	40.43	9-11510-109 9-11510-088 9-11510-021
		63-154-(2)	1	1	74.92	82.02	3.510	40.43	
		63-154-3	5	2~6	74.92	82.02	3.510	28.13	
		63-154-4	5	2~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	R154H	64-154-1	6	1~6	63.93	70.02	3.010	37.63	9-12271-121
		64-154-2	6	1~6	63.93	70.02	3.010	37.63	
	C155A	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
	P154H	67-154-1	6	1~6	34.00	40.03	3.030	37.10	9-12251-083

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
DA640 1964~65 D6×6373CC · 102×130 BUS -BXD30,BA741 TRUCK -TXD70	M154H	63-154-(1)	1	1	74.92	82.02	3.510	40.43	9-11510-109 9-11510-088 9-11510-021
		63-154-(2)	1	1	74.92	82.02	3.510	40.43	
		63-154-3	5	2~6	74.92	82.02	3.510	28.13	
		63-154-4	5	2~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	R155H	64-155-1	6	1~6	66.90	72.00	2.510	37.40	9-12271-146
		64-155-2	6	1~6	66.90	72.00	2.510	37.40	
	C155A	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
DA640 1966~81 D6×6373CC · 102×130 BUS -BA01,05,20,30 BF30,BS30 BXD30 TRUCK -TXD13,23,33,53 90 TSD43, TWD20,23 SFR330,420,460 500,600	M155H	63-154-3	6	1~6	74.92	82.02	3.510	28.13	9-11510-127 9-11510-136
		63-154-4	6	1~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	R155H	64-155-1	6	1~6	66.90	72.00	2.510	37.40	9-12271-146
		64-155-2	6	1~6	66.90	72.00	2.510	37.40	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
	C155A	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
DA640PP, DA640PT 1971~81 D6×6373CC · 102×130 FOR INDUSTRIAL USE	M155H	63-154-3	6	1~6	74.92	82.02	3.510	28.13	9-11510-127 9-11510-136
		63-154-4	6	1~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	R151H	64-151-1	6	1~6	66.91	72.00	2.513	37.40	9-12271-204
		64-151-2	6	1~6	66.91	72.00	2.513	37.40	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
	C155A	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
DA640PN, DA640PR 1971~81 D6×6373CC · 102×130 FOR INDUSTRIAL USE	M151H	63-151-1	6	1~6	74.92	82.02	3.510	28.13	9-11510-189 9-11510-194
		63-151-2	5	2~6	74.92	82.02	3.510	28.13	
		63-151-3	1	7	74.92	82.02	3.510	44.13	
		63-151-4	1	7	74.92	82.02	3.510	44.13	
		63-151-5	1	1	74.92	82.02	3.510	28.13	
	R155H	64-155-1	6	1~6	66.90	72.00	2.510	37.40	9-12271-146
		64-155-2	6	1~6	66.90	72.00	2.510	37.40	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
	C155A	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
DA640-T 1971~81 D6×6373CC · 102×130 FOR INDUSTRIAL USE	M151H	63-151-1	6	1~6	74.92	82.02	3.510	28.13	9-11510-189 9-11510-194
		63-151-2	5	2~6	74.92	82.02	3.510	28.13	
		63-151-3	1	7	74.92	82.02	3.510	44.13	9-12271-204
		63-151-4	1	7	74.92	82.02	3.510	44.13	
		63-151-5	1	1	74.92	82.02	3.510	28.13	
	R151H	64-151-1	6	1~6	66.91	72.00	2.513	37.40	9-12271-204
		64-151-2	6	1~6	66.91	72.00	2.513	37.40	
	T155H	65-155-1	2	1	—	—	3.480	—	9-11515-170
		65-155-2	2	1	—	—	3.480	—	
DH100 1959~66 D6×10179CC · 120×150 BUS -BU10,15,30 TRUCK -TD50,70,80,90 TP60,80,90	M156H2	63-156-(1)	1	1	91.88	98.00	3.010	51.96	9-11510-124
		63-156-(2)	1	1	91.88	98.00	3.010	51.96	
		63-156-3	8	2,3,5,6	91.88	98.00	3.010	36.00	
		63-156-5	2	4	91.88	98.00	3.010	56.00	
		63-156-7	1	7	91.88	98.00	3.010	50.50	
		63-163-3	1	7	91.88	98.00	3.010	50.50	
	R156H1	64-156-1	6	1~6	77.90	83.00	2.510	46.50	9-12271-130
		64-156-2	6	1~6	77.90	83.00	2.510	46.50	
	C156A	62-156-1	1	—	—	—	—	—	9-12251-070 9-12251-069
		62-156-2	1	—	—	—	—	—	
		62-156-3	1	—	—	—	—	—	
		62-156-4	1	—	—	—	—	—	
		62-156-5	1	—	—	—	—	—	
		62-156-6	1	—	—	—	—	—	
		62-156-7	1	—	—	—	—	—	
	P166H	67-166-1	6	1~6	44.98	51.04	3.050	40.00	
DH100, DH100-T 1967~82/10 D6×10179CC · 120×150 BUS -BU04,10 TRUCK -TD40,50,60,70 SLR350,360 400,450 SLR520,600 670,710 DH100H 1967~84 D6×10179CC · 120×150 BUS -CJA470,490 500,520 550,600 CLA470,490 500 CLM490,500 550,600	M163H2	63-156-3	10	1,2,3,5,6	91.88	98.00	3.010	36.00	1-11510-012 9-11510-151 9-11510-152
		63-156-5	2	4	91.88	98.00	3.010	56.00	
		63-156-7	1	7	91.88	98.00	3.010	50.50	
		63-163-3	1	—	91.88	98.00	3.010	50.50	
		64-156-2	12	1~6	77.90	83.00	2.510	46.50	9-12271-131 9-11515-198
	R166H1	65-163-1	2	1	—	—	3.470	—	
	T163H	65-163-2	2	1	—	—	3.470	—	9-12251-070 9-12251-069
	C156A	62-156-1	1	—	—	—	—	—	
		62-156-2	1	—	—	—	—	—	
		62-156-3	1	—	—	—	—	—	
		62-156-4	1	—	—	—	—	—	
		62-156-5	1	—	—	—	—	—	
		62-156-6	1	—	—	—	—	—	
		62-156-7	1	—	—	—	—	—	
	P166H	67-166-1	6	1~6	44.98	51.04	3.050	40.00	
DH100 1982/11~88 D6×10179CC · 120×150 TRUCK -SLR361,401 461,531	M188H	63-188-1	5	1,2,3,5,6	91.88	98.00	3.013	34.00	1-11510-037 1-11510-034 1-11510-055
		63-188-2	5	1,2,3,5,6	91.88	98.00	3.013	34.00	
		63-188-3	1	4	91.88	98.00	3.013	52.00	
		63-188-4	1	4	91.88	98.00	3.013	52.00	
		63-188-5	1	7	91.88	98.00	3.013	49.50	
		63-188-6	1	7	91.88	98.00	3.013	49.50	
	R166H1	64-156-2	12	1~6	77.90	83.00	2.510	46.50	9-12271-131 9-11515-198
	T163H	65-163-1	2	1	—	—	3.470	—	
	P166H	65-163-2	2	1	—	—	3.470	—	9-12251-070 9-12251-069
		67-166-1	6	1~6	44.98	51.04	3.050	40.00	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
E110 1967~72 D6×11044CC · 125×150 TRUCK -TM15,45,55,65 75,85,95 TG55,75 BUS -BU20	M163H2	63-156-3	10	1,2,3,5,6	91.88	98.00	3.010	36.00	1-11510-012
		63-156-5	2	4	91.88	98.00	3.010	56.00	9-11510-151
		63-156-7	1	7	91.88	98.00	3.010	50.50	9-11510-152
		63-163-3	1		91.88	98.00	3.010	50.50	
	R163H	64-153-1	12	1~6	79.90	86.00	3.010	44.63	9-12271-153
	T163H	65-163-1	2	1	—	—	3.470	—	9-11515-198
		65-163-2	2	1	—	—	3.470	—	
E120, E120-T 1970~ D6×12023CC · 135×140 TRUCK -SPG470,540 580,650 720,750 SPK650,710 SPM450,451 550,560 571,601 650,681 701,710 SPR520 SPZ440,441 450,451 480,580 TGK55,75 TMK15,27,47,67 97 TRACTOR -YPZ490 TMK45,48 TDK35,45,46,75 BUS -BU15,20 CPA520,550	M167H2	63-167-1	5	1,2,3,5,6	99.95	106.00	3.010	34.00	1-11510-031
		63-167-2	1	4	99.95	106.00	3.010	55.00	1-11510-033
		63-167-3	1	7	99.95	106.00	3.010	49.50	1-11510-011
		63-167-4	1	7	99.95	106.00	3.010	49.50	9-11510-178
		63-167-5	5	1,2,3,5,6	99.95	106.00	3.010	34.00	
		63-167-6	1	4	99.95	106.00	3.010	55.00	
	R167H1	64-167-1	12	1~6	87.90	94.00	3.010	42.50	1-12271-023 9-12271-177
	T167H	65-167-1	2	1	—	—	3.470	—	9-11515-216
		65-167-2	2	1	—	—	3.470	—	
	P167H	67-167-1	6	1~6	49.98	56.04	3.050	35.00	9-12251-088
		67-167-(L)		—	—	—	—	44.50	
G130 1966~72 G4×1325CC · 75×75 BELLET -PR10,30 UNI CAB -KR80 G150 1966~73 G4×1471CC · 79×75 BELLET -PR20,40 ELF -KA20,50 UNI CAB -KR85 G160(OHV) 1972~79 G4×1584CC · 82×75 FLORIAN -PA20 JOURNY -KA50,51 ELF -KA40,41,51	M171H	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	8-94250-574 8-94215-641 9-11510-609 9-11510-141
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	R171H	64-171-1	8	1~4	48.92	52.00	1.513	22.13	9-12271-143 9-12271-100
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	C171L	62-171-1	3	1~3	44.95	48.03	1.500	25.00	5-11611-002 9-11611-020
	P171H	67-171-1	4	1~4	22.00	25.42	1.760	26.00	9-12251-045

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
G161 (OHC) 1969~74 G4×1584CC · 82×75 BELLET -PR50,91 FLORIAN -PA20	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	8-94250-574 8-94215-641 9-11510-609 9-11510-141
	R171H	64-171-1	8	1~4	48.92	52.00	1.513	22.13	9-12271-143 9-12271-100
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	C172L	62-172-1	10	1~5	29.93	33.00	1.510	20.13	9-11611-040
	P171H	67-171-1	4	1~4	22.00	25.42	1.760	26.00	9-12251-045
G161 (OHV) 1980~84 G4×1584CC · 82×75 ELF -KA41	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	8-94250-574 8-94215-641 9-11510-609 9-11510-141
	R171H	64-171-1	8	1~4	48.92	52.00	1.513	22.13	9-12271-143 9-12271-100
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	C171L	62-171-1	3	1~3	44.95	48.03	1.500	25.00	5-11611-002 9-11611-020
G161W (DOHC) 1969~81 G4×1584CC · 82×75 117 COUPE -PA90 BELLET -PR91 G180W (DOHC) 1972~81 G4×1817CC · 84×82 117 COUPE -PA95 GEMINI -PF60	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	9-11510-609 8-94215-641 9-11510-141 8-94250-574
	R171H	64-171-1	8	1~4	48.92	52.00	1.513	22.13	9-12271-143 9-12271-100
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	C172L	62-172-1	10	1~5	29.93	33.00	1.510	20.13	9-11611-040
	P171H (UP TO '79)	67-171-1	4	1~4	22.00	25.42	1.760	26.00	9-12251-045
G161Z 1972~ G4×1584CC · 82×75 GEMINI -PE50 FASTER -KB20 G180Z 1972~ G4×1817CC · 84×82 GEMINI -PF60 FLORIAN -PA30	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	9-11510-609 8-94215-641 9-11510-141 8-94250-574
	R171H	64-171-1	8	1~4	48.92	52.00	1.513	22.13	9-12271-143 9-12271-100
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	P171H (UP TO '79)	67-171-1	4	1~4	22.00	25.42	1.760	26.00	9-12251-045

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
G180S(OHC) 1969~75 G4×1817CC · 84×82 BELLET -PR90,95 FLORIAN -PA30 117 COUPE -PA95	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	9-11510-609 8-94215-641 9-11510-141 8-94250-574
	R171H	64-171-1	8	1~4	48.92	52.00	1.513	22.13	9-12271-143 9-12271-100
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	C172L	62-172-1	10	1~5	29.93	33.00	1.510	20.13	9-11611-040
	P171H	67-171-1	4	1~4	22.00	25.42	1.760	26.00	9-12251-045
G180W (DOHC) 1982~ G4×1817CC · 82×75 GEMINI -PF60 G200W (DOHC) 1979~85 G4×1949CC · 87×82 117 COUPE -PA96 PIAZZA -JR130	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	8-94250-574 8-94215-641 9-11510-609 9-11510-141
	R								8-94424-246 8-94218-061
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
	C172L	62-172-1	10	1~5	29.93	33.00	1.510	20.13	9-11611-040
G200Z 1979~85 G4×1949CC · 87×82 PIAZZA -JR130 TROOPER -UBS13 117 COUPE -PA96	M171H	63-171-1 63-171-2	6 4	1,3,5 2,4	55.92 55.92	59.00 59.00	1.515 1.515	32.13 21.13	9-11510-609 8-94215-641 9-11510-141 8-94250-574
	R172A1	64-172-1	8	1~4	48.93	52.00	1.505	22.00	8-94115-354 8-94424-252 8-94251-266
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94210-750 9-11581-021
G200Z, G200W 1986~ G4×1949CC · 87×82 PIAZZA -JR130	M172A	63-172-1	10	1~5	55.92	60.00	2.011	21.86	8-94251-263
	R172A1	64-172-1	8	1~4	48.93	52.00	1.505	22.00	8-94115-354 8-94424-252 8-94251-266
	T171A1	65-171-1	2	3	—	—	2.360	—	8-94251-265 8-94210-265 8-94210-750 9-11581-021
G201 1968~79 G4×1951CC · 86×84 BUS -KUG20,TLG22	M152H1	63-152-1 63-153-2 63-153-4	4 4 2	1,5 2,4 3	59.92 59.92 59.92	64.00 64.00 64.00	2.013 2.013 2.013	30.50 23.00 38.00	5-11510-029 5-11510-014 9-11510-150
	R152H	64-152-1 64-152-2	4 4	1~4 1~4	52.93 52.93	56.00 56.00	1.513 1.513	24.10 24.10	9-12271-156
	T157H	65-157-1	2	3	—	—	2.480	—	9-11581-048
	C160L1	62-160-1 62-160-2 62-160-3	1 1 1	1 2 3	47.95 47.95 47.95	52.04 52.04 52.04	2.000 2.000 2.000	22.00 22.00 22.00	5-11610-002 5-11610-005 9-11610-602

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MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
DK10, DK10A, DK10T 1966~86 D6×10178CC · 120×150 RANGER -BG100,TC720 ZM440,100 ZP100 TRACTOR -HE300,301 KA311,HF100 HH700 DK20, DK20T 1966~80 D6×10178CC · 120×150 RANGER -BG100 RAINBOW -RC400,420,320	M211H	63-211-1	2	1,7	99.95	106.02	2.995	44.63	11701-1110
		63-211-2	2	1,7	99.95	106.02	2.995	44.63	11701-1070
		63-211-3	4	2,3,5,6	99.95	106.02	2.995	33.13	11701-1490
		63-211-4	4	2,3,5,6	99.95	106.02	2.995	33.13	11701-1290
		63-211-5	1	4	99.95	106.02	2.995	60.15	
		63-211-6	1	4	99.95	106.02	2.995	60.15	
	R207H1	64-207-1	6	1~6	79.96	85.02	2.495	44.13	13201-1270
		64-207-2	6	1~6	79.96	85.02	2.495	44.13	13201-1090 13201-1080 13201-1081 13201-1072 13201-1341
	T203P (UP TO '77)	65-203-1	4	4	—	—	4.970	—	11011-1050
	T211P (AFTER '77)	65-211-1	3	4	—	—	3.470	—	11011-1200
DM100 1963~86 D6×4313CC · 90×113 RANGER -KM320,350,500 450 HM320,RM100 RAINBOW -BM320 DQ100 1972~83 D6×4507CC · 92×113 RANGER -KM520,510,540 KQ500,520,540 560 RAINBOW -BM320	M202H	63-202-1	2	1,7	66.94	71.00	2.000	32.13	11701-1170
		63-202-2	2	1,7	66.94	71.00	2.000	32.13	11701-1180
		63-202-3	4	2,3,5,6	66.94	71.00	2.000	23.63	
		63-202-4	4	2,3,5,6	66.94	71.00	2.000	23.63	
		63-202-5	1	4	66.94	71.00	2.000	36.13	
		63-202-6	1	4	66.94	71.00	2.000	36.13	
	R202H	64-202-1	12	1~6	55.93	59.00	1.500	33.63	13201-1140 13201-1150
	T202H	65-202-1	4	4	—	—	2.500	—	11011-1080 11011-1090
	C202L	62-202-1	1	1	54.95	58.03	1.500	35.00	11812-1040
		62-202-2	1	2	53.95	57.03	1.500	32.00	11822-1040
		62-202-3	1	3	53.45	56.53	1.500	21.50	11832-1040
		62-202-4	1	4	52.95	56.03	1.500	32.00	11842-1040
		62-202-5	1	5	45.95	49.03	1.500	29.00	11852-1030
	P202H	67-202-1	6	1~6	28.99	32.03	1.540	33.90	13272-1130

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
DS50 1960~86 D6×7982CC · 110×140 RANGER -TH14,17,320 340 TA14,ZC34 CRANE -ZK11,500,700 ZL300 DS60 1960~81 D6×7982CC · 110×140 TRUCK -TH360 RAINBOW -BT51,100 DS70 1960~86 D6×7014CC · 105×134 RANGER -KC320,300 WA200,211 KE102,202 TE11,61,100,120 RAINBOW -RD100 FIRE ENGINE -TE120,220 DS80 1962~68 D6×7982CC · 110×140 RAINBOW -BT51,61,220	M201H	63-201-1	2	1,7	89.95	96.02	3.007	43.13	11701-1360
		63-201-2	2	1,7	89.95	96.02	3.007	43.13	
		63-201-3	4	2,3,5,6	89.95	96.02	3.007	31.13	
		63-201-4	4	2,3,5,6	89.95	96.02	3.007	31.13	
		63-201-5	1	4	89.95	96.02	3.007	64.13	
		63-201-6	1	4	89.95	96.02	3.007	64.13	
	R201H	64-201-1	12	1~6	74.93	81.02	3.010	47.13	13201-1230 13201-1240
	T201H	65-201-1	4	4	—	—	3.980	—	11011-1130
EB100 1967~86 D6×9036CC · 115×145 RANGER -KB100,120,121 111,300,301 312,321,340 341,360,361 ZQ500,700 ZR100 ZS100,ZT100 EB100H 1971~73 D6×9036CC · 115×145 EB200 1968~79 D6×9036CC · 115×145 RAINBOW -RE100,120,140 200,220 EB300 1971~77 D6×9838CC · 120×145 RANGER -KB112,121,302 303,392,382 384,394 CRANE -ZR250,ZT320 300 TRACTOR -HE320	M204H1	63-204-1	4	1,7	94.95	101.02	3.000	44.13	11701-1160 11701-1150 11701-1161
		63-204-3	8	2,3,5,6	94.95	101.02	3.000	34.13	
		63-204-5	2	4	94.95	101.02	3.000	64.13	
	R204H2	64-204-1	6	1~6	74.96	81.02	3.000	46.13	13201-1300 13201-1280 13201-1120 13201-1111 13201-1110
		64-204-2	6	1~6	74.96	81.02	3.000	46.13	
	T204P	65-204-1	4	4	—	—	4.970	—	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EB300 1977~86 D6×9838CC · 120×145 RANGER -KB304,394 ZT300,320 RAINBOW -BY320,340,300 RF320,420 EB400 1978~88 D6×9838CC · 120×145 RAINBOW -RE100,161,201 121,141	M204H1	63-204-1	4	1,7	94.95	101.02	3.000	44.13	11701-1160
		63-204-3	8	2,3,5,6	94.95	101.02	3.000	34.13	11701-1161
		63-204-5	2	4	94.95	101.02	3.000	64.13	11701-1150
	R204H2	64-204-1	6	1~6	74.96	81.02	3.000	46.13	13201-1300
		64-204-2	6	1~6	74.96	81.02	3.000	46.13	13201-1280 13201-1120 13201-1111 13201-1110
	T213P	65-204-1	3	4	—	—	4.970	—	11011-1171 11011-1170
EC100 1969~86 D6×5010CC · 97×113 RANGER -KL300,320,460 KJ300,FD121 RAINBOW -AM100 FIRE ENGINE -KL300	M205H	63-205-1	4	1,7	73.94	79.00	2.490	32.10	11701-1260
		63-205-2	8	2,3,5,6	73.94	79.00	2.490	28.10	11701-1451
		63-205-3	2	4	73.94	79.00	2.490	35.10	11701-1450 3-380-1114-01
	R205H1	64-205-1	12	1~6	59.94	64.00	2.000	33.63	13201-1160 13201-1170 13201-1290 13201-1291
	T205H	65-205-1	4	4	—	—	2.500	—	11011-1110
	C205L	62-205-1	1	1	56.44	59.53	1.500	35.00	11812-1030
		62-205-2	1	2	54.44	57.53	1.500	30.00	11822-1030
		62-205-3	1	3	53.84	56.93	1.500	30.00	11832-1030
		62-205-4	1	4	53.54	56.63	1.500	30.00	11842-1050
	P205H	67-205-1	6	1~6	31.49	35.53	2.040	37.10	13272-1140
ED100, ED100-T 1971~86 D6×11581CC · 128×150 RANGER -TC382,365 KB500 KF320,340,365 420,355 WD100 ZM341,360,763 KS340,390 WP320 ZC100,120 ZH150,110 ZG150 TRACTOR -HE355,335 HH130 CRANE -ZR300 FIRE ENGINE -TC342,KS340	M211H	63-211-1	2	1,7	99.95	106.02	2.995	44.63	11701-1490
		63-211-2	2	1,7	99.95	106.02	2.995	44.63	11701-1491
		63-211-3	4	2,3,5,6	99.95	106.02	2.995	33.13	11701-1290
		63-211-4	4	2,3,5,6	99.95	106.02	2.995	33.13	11701-1110
		63-211-5	1	4	99.95	106.02	2.995	60.15	11701-1070
		63-211-6	1	4	99.95	106.02	2.995	60.15	
	R207H1	64-207-1	6	1~6	79.96	85.02	2.495	44.13	13201-1271
		64-207-2	6	1~6	79.96	85.02	2.495	44.13	13201-1072 13201-1071 13201-1270 13201-1090 13201-1080/1 13201-1341
	T203P (UP TO '77)	65-203-1	4	4	—	—	4.970	—	11011-1050
	T211P (AFTER '77)	65-211-1	3	4	—	—	3.470	—	11011-1200

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EF100, EF100-T 1971~82 DV8×13804CC · 130×130 RANGER -ZM702,703,743 363 KF722,765,865 KA340 TC741,761,781 RV850,830 RAINBOW -RV730,750,830 850 EF300 1971~81 DV8×14232CC · 132×130 RANGER -ZM764,704,705 TC746,742,482 702 KF786,793,794 703,797 RAINBOW -RV761,RS120	M210H1	63-210-1 63-210-2	5 5	1~5 1~5	104.90 104.90	111.02 111.02	3.010 3.010	34.00 34.00	11701-1431 11701-1430 11701-1280
	R210H1	64-210-1 64-210-2	8 8	1~8 1~8	83.95 83.95	89.03 89.03	2.500 2.500	32.50 32.50	13201-1021 13201-1020 13201-1200
	T210H (UP TO '75)	65-210-1	3	5	—	—	3.970	—	11011-1030
	T212H (AFTER '75)	65-212-1	3	5	—	—	4.470	—	11011-1150
	P210H	67-210-1 67-210-(L)	8 —	1~8 —	49.99 —	55.03 —	2.530 —	40.20 51.00	13272-1050 13272-1010
EF350 1979~82 DV8×14779CC · 132×135 RANGER -KF704,706 KS341,ZM765 RAINBOW -RS141 EF500 1976~82 DV8×15459CC · 135×135 RANGER -KF500,520,590 565,580,555 560,585 WP325 RAINBOW -RV541,RS360 EF700 1976~81 DV8×15920CC · 137×135 RANGER -ZM500 TRACTOR -HF366,HE360 ZM900 EF700-T 1979~83 DV8×15920CC · 137×135	M								11701-1023 11701-1022 11701-1021 11701-1020
	R210H1	64-210-1 64-210-2	8 8	1~8 1~8	83.95 83.95	89.03 89.03	2.500 2.500	32.50 32.50	13201-1021 13201-1020 13201-1200
	T212H	65-212-1	3	5	—	—	4.470	—	11011-1150
	P210H	67-210-1 67-210-(L)	8 —	1~8 —	49.99 —	55.03 —	2.530 —	40.20 51.00	13272-1050 13272-1010
EF550 1981~ DV8×16260CC · 135×142 TRUCK -FS600,604,606 608,630 EF750, EF750-T 1981~ DV8×16745CC · 137×130 TRUCK -FS634,636,638 -FN634,635,638 FR630,634,635 636,638,639 TRACTER -FS634,638 SH631,SS631 DIESEL BUS -RV636,637,638	M220H1	63-220-1 63-220-2	5 5	1~5 1~5	109.90 109.90	116.02 116.02	3.007 3.007	35.13 35.13	11701-1580 11701-1680 11701-1800
	R220H1	64-220-1 64-220-2	8 8	1~8 1~8	83.95 83.95	89.03 89.03	2.500 2.500	32.50 32.50	13201-1380
	T221H (UP TO '85/10)	65-220-1	3	5	—	—	4.470	—	11011-1210
	T220H (AFTER '85/10)	65-220-1	4	5	—	—	4.470	—	11011-1260
	T								11011-1290

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EG100 1971~76 DV8×14886CC · 135×130 TRACTOR -TC561,541 WG300 RAINBOW -RV530,550	M210H1	63-210-1	5	1~5	104.90	111.02	3.010	34.00	11701-1431 11701-1430 11701-1280
		63-210-2	5	1~5	104.90	111.02	3.010	34.00	
	R210H1	64-210-1	8	1~8	83.95	89.03	2.500	32.50	13201-1021 13201-1020 13201-1200
		64-210-2	8	1~8	83.95	89.03	2.500	32.50	
	T212H	65-212-1	3	5	—	—	4.470	—	11011-1150
	P210H	67-210-1	8	1~8	49.99	55.03	2.530	40.20	13272-1050 13272-1010
		67-210-(L)	—	—	—	—	—	51.00	
EH100 1972~86 D6×5871CC · 105×113 RANGER -KR320,360 KJ500 KL500,520,540 560 WB321 RAINBOW -AM101,RL321 R301	M205H	63-205-1	4	1,7	73.94	79.00	2.490	32.10	11701-1260 11701-1450 11701-1451
		63-205-2	8	2,3,5,6	73.94	79.00	2.490	28.10	
		63-205-3	2	4	73.94	79.00	2.490	35.10	
	M208H1	63-208-1	4	1,7	73.94	79.00	2.490	32.13	11701-1271 11701-1270 11701-1520
		63-208-2	8	2,3,5,6	73.94	79.00	2.490	28.13	
		63-208-3	2	4	73.94	79.00	2.490	35.13	
	R206H1	64-206-1	6	1~6	62.94	67.00	2.000	33.60	13201-1180
		64-206-2	6	1~6	62.94	67.00	2.000	33.60	
	T205H	65-205-1	4	4	—	—	2.500	—	11011-1110
	C205L	62-205-1	1	1	56.44	59.53	1.500	35.00	11812-1030 11822-1030 11832-1030 11842-1030
		62-205-2	1	2	54.44	57.53	1.500	30.00	
		62-205-3	1	3	53.84	56.93	1.500	30.00	
		62-205-4	1	4	53.54	56.63	1.500	30.00	
EH300 1974~80 D6×6211CC · 108×113 RANGER -KL501,521,541 KR301,302 KJ501 KU581,591 RAINBOW -RD300 FIRE ENGINE -KL501	M208H1	63-208-1	4	1,7	73.94	79.00	2.490	32.13	11701-1271 11701-1270 11701-1520
		63-208-2	8	2,3,5,6	73.94	79.00	2.490	28.13	
		63-208-3	2	4	73.94	79.00	2.490	35.13	
	R209H1	64-209-1	6	1~6	64.94	69.00	2.000	33.63	13201-1190
		64-209-2	6	1~6	64.94	69.00	2.000	33.63	
	T205H	65-205-1	4	4	—	—	2.500	—	11011-1110
	C205L	62-205-1	1	1	56.44	59.53	1.500	35.00	11812-1030 11822-1030 11832-1030 11842-1030
		62-205-2	1	2	54.44	57.53	1.500	30.00	
		62-205-3	1	3	53.84	56.93	1.500	30.00	
		62-205-4	1	4	53.54	56.63	1.500	30.00	

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EH500 1980~86 D6×6211CC · 108×113 RANGER -FD151,153,155 156 KD154 RAINBOW -RJ EH700 1975~ D6×6443CC · 110×113 RANGER -KL505,525 ★ KR305 LB595,565 SD171 FT173,175 KG175 GD171,172,179 FF174,175,172 173 ★ RAINBOW -RD301 ★ RJ170,172 RR170,172 FIRE ENGINE -KL525,FD171 EH700-T 1983~88	M208H1	63-208-1	4	1,7	73.94	79.00	2.490	32.13	11701-1271
		63-208-2	8	2,3,5,6	73.94	79.00	2.490	28.13	11701-1270
		63-208-3	2	4	73.94	79.00	2.490	35.13	11701-1520
	R208H1	64-208-1	6	1~6	64.94	69.00	2.000	33.63	13201-1261
		64-208-2	6	1~6	64.94	69.00	2.000	33.63	13201-1260
	T205H	65-205-1	4	4	—	—	2.500	—	11011-1110
	P208H1	67-208-1	6	1~6	38.99	43.03	2.020	31.00	13272-1220
		67-208-(L)	—	—	—	—	—	40.00	13272-1270
	C208A (UP TO '83)	62-218-1	1	1	61.44	64.60	1.495	35.00	11812-1051
		62-208-2	1	2	61.24	64.40	1.500	30.00	11822-1050
		62-208-3	1	3	61.04	64.20	1.500	30.00	11832-1050
		62-208-4	1	4	60.84	64.00	1.500	30.00	11842-1030
		62-208-5	1	5	60.64	63.80	1.500	30.00	11852-1040
		62-208-6	1	6	60.44	63.60	1.500	30.00	11862-1020
		62-218-7	1	7	58.24	61.40	1.500	30.00	11872-1030
	C218A (AFTER '84)	62-218-1	1	1	61.44	64.60	1.495	35.00	11812-1051
		62-218-2	1	2	61.24	64.40	1.500	26.00	11822-1110
		62-218-3	1	3	61.04	64.20	1.500	26.00	11832-1080
		62-218-4	1	4	60.84	64.00	1.500	26.00	11842-1080
		62-218-5	1	5	60.64	63.80	1.500	26.00	11852-1060
		62-218-6	1	6	60.44	63.60	1.500	26.00	11862-1040
		62-218-7	1	7	58.24	61.40	1.500	30.00	11872-1030
EK100 1975~ D6×13267CC · 137×150 RANGER -KF301, 366, 391 KS341, 391 KB501 TC383, HE336 WD300 EK100-T 1984~9 D6×13267CC · 137×150 EK130-T 1986~ ★ D6×13267CC · 137×150 EK200 1979~ D6×13267CC · 137×150 RAINBOW -KRC721	M214H1	63-214-1	7	1~7	89.91	96.02	3.000	40.00	11701-1010
		63-214-2	7	1~7	89.91	96.02	3.000	40.00	11701-1011 11701-1012 11701-1013 11701-1690
	R214H1	64-214-1	6	1~6	83.95	89.03	2.500	40.50	13201-1010
		64-214-2	6	1~6	83.95	89.03	2.500	40.50	13201-1011 13201-1012
	T214H	65-214-1	3	5	—	—	3.970	—	11011-1011
	P214H	67-210-1	6	1~6	49.99	55.03	2.530	40.20	13272-1050
		67-210-(L)	—	—	—	—	—	51.00	13272-1010
	C214A	62-214-1	1	1	71.00	65.97	2.500	42.00	11811-1190
		62-214-2	1	2	71.00	65.77	2.600	30.00	11821-1200
		62-214-3	1	3	71.00	65.57	2.700	30.00	11831-1140
		62-214-4	1	4	71.00	65.37	2.800	42.00	11841-1130
		62-214-5	1	5	71.00	65.17	2.900	30.00	11851-1090
		62-214-6	1	6	71.00	64.97	3.000	30.00	11861-1060
		62-214-7	1	7	71.00	64.77	3.100	32.00	11871-1060

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EL100 1978～91 D6×7862CC・116×124 RANGER－KK188,189 LB700,760 EL100-T 1981～91	M215H	63-215-1	7	1～7	89.91	96.02	3.007	34.00	11701-1460/70
		63-215-2	7	1～7	89.91	96.02	3.007	34.00	
	R215H	64-215-1	6	1～6	72.95	77.03	2.002	32.00	13201-1252 13201-1312
		64-215-2	6	1～6	72.95	77.03	2.002	32.00	
	T215H (UP TO '80)	65-215-1	3	4	—	—	3.470	—	11011-1180
	T219H (AFTER '80)	65-219-1	4	4	—	—	2.970	—	11011-1220
EM100 1981～ D6×9419CC・124×130 RANGER－FH221,220,228 229 ★ ★ 									

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
F17C 1987~1991 DV8×17238CC · 139×142 DOLPHIN -FS668 F17CT 1987~1991 DV8×17238CC · 139×142 F17D 1989~ DV8×16745CC · 139×142 DOLPHIN -FN1F F17D-T 1990~ DV8×16745CC · 137×142 DOLPHIN -FS1F F17E 1989~ DV8×16745CC · 137×142 DOLPHIN -FS2F F20C 1989~ DV8×19688CC · 146×147 DOLPHIN -FS3F	M220H1	63-220-1 63-220-2	5 5	1~5 1~5	109.90 109.90	116.02 116.02	3.007 3.007	35.13 35.13	11701-1580
	R220H1	64-220-1 64-220-2	8 8	1~8 1~8	83.95 83.95	89.03 89.03	2.500 2.500	32.50 32.50	13201-1380
	T221H	65-220-1	3	5	—	—	4.470	—	11011-1210
H06C 1984~ D6×6485CC · 108×118 RANGER -FD154,161,162 RAINBOW -RR192 H06C-T 1982~ D6×6485CC · 108×118 RANGER -FD164,169 FG195, KK199 H07C 1984~ D6×6728CC · 110×118 RANGER -FD171, SD171 FF171, FC171 RAINBOW -RK172, RU174 RJ170, 172 H07C-T 1989~ D6×6728CC · 110×118 RANGER -FD2H, FF2H, GD2H	M208H1	63-218-1 63-218-2 63-218-3 63-218-4	3 3 4 4	1,4,7 1,4,7 2,3,5,6 2,3,5,6	79.94 79.94 79.94 79.94	85.00 85.00 85.00 85.00	2.487 2.487 2.487 2.487	32.13 32.13 28.13 28.13	11701-2330A 11701-1991B 11701-1790 11701-1661 11701-1640 11701-1641 11701-1601 11701-1602
	R219H1 (UP TO '86)	64-219-1 64-218-2	6 6	1~6 1~6	64.94 64.94	69.00 69.00	1.997 1.997	33.63 33.63	13201-1480 13201-1460 13201-1421
	R218H1 (AFTER '86)	64-218-1 64-218-2	6 6	1~6 1~6	64.94 64.94	69.00 69.00	1.997 1.997	33.63 33.63	13201-1600 13201-1590 13201-1580
	T218H1	65-218-1 65-218-2	2 2	4 4	— —	— —	2.500 2.500	— —	11011-1380 11011-1270 11011-1230
	P208H1	67-208-1 67-208-(L)	6 —	1~6 —	38.99 —	43.03 —	2.020 —	31.00 40.00	13272-1270
	★ C224A (UP TO '86)	62-218-1 62-218-3 62-218-5 62-218-7	1 1 1 1	1 2 3 4	61.44 61.04 60.64 58.24	64.60 64.20 63.80 61.40	1.495 1.500 1.500 1.500	35.00 26.00 26.00 30.00	11812-1051 11832-1080 11852-1060 11872-1030
	★ C218A (AFTER '86)	62-218-1 62-218-2 62-218-3 62-218-4 62-218-5 62-218-6 62-218-7	1 1 1 1 1 1 1	1 2 3 4 5 6 7	61.44 61.24 61.04 60.84 60.64 60.44 58.24	64.60 64.40 64.20 64.00 63.80 63.60 61.40	1.495 1.500 1.500 1.500 1.500 1.500 1.500	35.00 26.00 26.00 26.00 26.00 26.00 30.00	11812-1051 11822-1110 11832-1080 11842-1080 11852-1060 11862-1040 11872-1030

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
H07D 1989~ D6×7412CC · 110×130 RANGER -FD3,GD3	M218H1	63-218-1	3	1,4,7	79.94	85.00	2.487	32.13	11701-2330A
		63-218-2	3	1,4,7	79.94	85.00	2.487	32.13	11701-1991B
		63-218-3	4	2,3,5,6	79.94	85.00	2.487	28.13	11701-1661
		63-218-4	4	2,3,5,6	79.94	85.00	2.487	28.13	11701-1602
	R224H1	64-224-1	6	1~6	64.94	69.00	1.997	25.13	13201-1640
		64-224-2	6	1~6	64.94	69.00	1.997	25.13	13201-1631
	T218H1	65-218-1	2	4	—	—	2.500	—	11011-1380
		65-218-2	2	4	—	—	2.500	—	11011-1270 11011-1230
J05C, J05C-T1 1995~ D4×5307CC · 114×130 J07C 1995~ D5×6634CC · 114×130 RANGER -FC5J J08C 1995~ D6×7961CC · 114×130 RANGER -FC2J, FT1J FE1J, HR1J FD1J, RU1J MK25A	M224H (FOR J08C)	63-218-3	7	—	79.94	85.00	2.487	28.13	11701-2180A
		63-218-4	7	—	79.94	85.00	2.487	28.13	11701-2230 11701-2140A 11701-2110 11701-1961B
	M226H (FOR J08C) (With oil groove and micro grooves)	63-218-3	7	—	79.94	85.00	2.487	28.13	11701-2140A
		63-225-1	7	—	79.94	85.00	2.487	28.13	
	MP224H	63-218-3	1	—	79.94	85.00	2.487	28.13	11019-1470A 11701-2320A 11701-2170A 11701-2310A 11701-2160A
		63-218-4	1	—	79.94	85.00	2.487	28.13	
	MP226H (With oil groove and micro grooves)	63-218-3	1	—	79.94	85.00	2.487	28.13	
		63-225-1	1	—	79.94	85.00	2.487	28.13	
		[1PAIR/PACKAGE 5PACKAGES/J05C 6PACKAGES/J07C 7PACKAGES/J08C]							11701-2140A 11701-2320A 11701-2310A 13209-1481A 13201-1800 13201-1790 13201-1780A 13201-1810A 13201-1770A 13201-1820A 13201-1751/61 13201-1631/40
		[1PAIR/PACKAGE 4PACKAGES/J05C 5PACKAGES/J07C 6PACKAGES/J08C]							
	RP224H1	64-224-1	1	—	64.94	69.00	1.997	25.13	
		64-224-2	1	—	64.94	69.00	1.997	25.13	
	T218H1	[1PAIR/PACKAGE 4PACKAGES/J05C 5PACKAGES/J07C 6PACKAGES/J08C]							
		[1PAIR/PACKAGE 4PACKAGES/J05C 5PACKAGES/J07C 6PACKAGES/J08C]							
		[1PAIR/PACKAGE 4PACKAGES/J05C 5PACKAGES/J07C 6PACKAGES/J08C]							
		[1PAIR/PACKAGE 4PACKAGES/J05C 5PACKAGES/J07C 6PACKAGES/J08C]							
	P218H (FOR J05C)	67-218-1	4	1~4	36.99	41.03	1.995	35.50	
		67-218-1	5	1~5	36.99	41.03	1.995	35.50	
	P219H (FOR J07C)	67-218-1	5	1~5	36.99	41.03	1.995	35.50	
	P220H (FOR J08C)	67-218-1	6	1~6	36.99	41.03	1.995	35.50	
	★ C220A (FOR J08C)	62-220-1	2		39.93	44.00	1.995	27.93	11901-1020A
		62-220-2	8		39.93	44.00	1.995	20.13	

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
J05D 2004～ D4×4728CC・112×120 RANGER -FC6J,RX6J HX6J XZU433 J07E 2004～ D5×6403CC・112×120 RANGER -GX7J,FD7J MK36A BDG J08E 2004～ D6×7684CC・112×120 RANGER -FD7J,FT8J FD8J,FE8J HU8J BDG	MP224H	63-218-3	1	—	79.94	85.00	2.487	28.13	11019-1470A 11701-2320A 11701-2170A 11701-2310A 11701-2160A	
		63-218-4	1	—	79.94	85.00	2.487	28.13		
		〔 1PAIR/PACKAGE 5PACKAGES/J05D 6PACKAGES/J07E 7PACKAGES/J08E 〕								
	RP226H	64-226-1	1	—	64.94	69.00	1.997	27.93	13201-2120A 13201-2110A 13201-2100A	
		64-226-2	1	—	64.94	69.00	1.997	27.93		
		〔 1PAIR/PACKAGE 4PACKAGES/J05D 5PACKAGES/J07E 6PACKAGES/J08E 〕								
	T218H1	65-218-1	2	4	—	—	2.500	—	11011-1380 11011-1270 11011-1230	
		65-218-2	2	4	—	—	2.500	—		
	K13C 1987～ D6×12882CC・135×150 DOLPHIN -FR336	M214H1	63-214-1	7	1～7	89.91	96.02	3.000	40.00	11701-1013
			63-214-2	7	1～7	89.91	96.02	3.000	40.00	
		R225H	64-225-1	6	1～6	83.95	89.03	2.500	40.50	13201-1610
			64-225-2	6	1～6	83.95	89.03	2.500	40.50	
T214H (UP TO '92)		65-214-1	3	5	—	—	3.970	—	11011-1011	
P214H		67-210-1	6	1～6	49.99	55.03	2.530	40.20	13272-1050 13272-1010	
		67-210-(L)	—	—	—	—	—	51.00		
★ C214A		62-214-1	1	1	71.00	65.97	2.500	42.00	11811-1190	
		62-214-2	1	2	71.00	65.77	2.600	30.00	11821-1200	
		62-214-3	1	3	71.00	65.57	2.700	30.00	11831-1140	
		62-214-4	1	4	71.00	65.37	2.800	42.00	11841-1130	
		62-214-5	1	5	71.00	65.17	2.900	30.00	11851-1090	
		62-214-6	1	6	71.00	64.97	3.000	30.00	11861-1060	
		62-214-7	1	7	71.00	64.77	3.100	32.00	11871-1060	
P11C 1992～2006 D6×10520CC・122×150 PROFIA -FH2P,FR2P FR2K,FS2P BLUE RIBBON -HU2P		M215H	63-215-1	7	1～7	89.91	96.02	3.007	34.00	11701-1460/70
	63-215-2		7	1～7	89.91	96.02	3.007	34.00		
	R227H	64-227-1	6	1～6	79.95	85.03	2.509	32.00	S1320-11880 13201-1800B	
		64-227-2	6	1～6	79.95	85.03	2.509	32.00		
	T227H	65-227-1	4	—	—	—	2.970	—	11011-1330A	
	★ P227H	67-227-1	6	1～6	46.99	51.07	2.000	25.50	S1327-21350 13272-1350	
		67-227-(L)					43.50			

MODEL・YEAR NOS.OF CYL × CYL CAPACITY・BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
W04D, W04DT 1983~ D4×4009CC・104×118 RANGER -FB111,112,113 114 KM545,505,525 FT112,FC111 112 RAINBOW -AB115,RB115	M216H	63-216-1	10	1~5	72.94	78.00	2.493	25.13	11701-1611 11701-78010
	R216H	64-216-1	4	1~4	61.94	66.00	1.997	28.13	13201-1430 13281-78010
		64-216-2	4	1~4	61.94	66.00	1.997	28.13	
	T216H1	65-216-1	2	4	—	—	2.500	—	11011-1240 11011-1280
		65-216-2	2	4	—	—	2.500	—	
	C216L	62-216-1	1	1	56.95	60.03	1.500	27.00	11802-1180 11811-1180 11821-1190 11831-1130
		62-216-2	1	2	56.75	59.83	1.500	27.00	
		62-216-3	1	3	56.55	59.63	1.500	27.00	
	P216H	67-216-1	4	1~4	34.99	39.03	1.992	29.80	13272-1280 13272-1281
		67-216-(L)	—	—	—	—	—	38.00	
W06D, W06D-T 1983~ D6×5759CC・104×113 RANGER -FC141,142,145 146,111,112 RAINBOW -AC140 W06E 1986~ D6×6014CC・104×118 RANGER -FD161,165,164	M217H	63-216-1	14	1~7	72.94	78.00	2.493	25.13	11701-1750 11701-1630
	R217H	64-216-1	6	1~6	61.94	66.00	1.997	28.13	13201-1550 13201-1450
		64-216-2	6	1~6	61.94	66.00	1.997	28.13	
	T216H1	65-216-1	2	4	—	—	2.500	—	11011-1240 11011-1280
		65-216-2	2	4	—	—	2.500	—	
	C217L	62-216-1	1	1	56.95	60.03	1.500	27.00	11802-1120 11811-1180 11821-1190 11831-1130 11841-1120
		62-216-2	1	2	56.75	59.83	1.500	27.00	
		62-216-3	1	3	56.55	59.63	1.500	27.00	
		62-217-4	1	4	56.35	59.83	1.700	27.00	
	P217H	67-216-1	6	1~6	34.99	39.03	1.992	29.80	13272-1280 13272-1281
		67-216-(L)	—	—	—	—	—	38.00	

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MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
AB10, 20, 30, 40, 50 1976~84/7 G2×547CC · 71.6×68 MAX CUORE -L40,45,55 HIJET -S40,38,65,66 TRUCK -S60,65 (SUZUKI) FRONTE -SS11 AD 1982~84 G2×617CC · 76×68	M255A	63-255-1	6	1~3	41.98	46.02	1.990	19.50	11702-87701
	R255A	64-255-1	4	1~2	39.98	43.02	1.490	18.00	13202-87701
	T255A	65-255-1	2	2	—	—	1.990	—	11011-87701
	B255A	68-255-1	2	1~2	44.95	48.03	1.500	17.00	11902-87701
		68-255-2	2	1~2	33.95	37.03	1.500	20.00	90043-84028 90043-84029
AB31, 35, 40, 51, 55 1983/10~ G2×547CC · 71.6×68 FRONTE -L40V MIRA -L51,56 HIJET -S65,66 AD 1985~ G2×617CC · 76×68	M277A	63-255-1 63-277-2	3 3	1~3 1~3	41.98 41.98	46.02 46.02	1.990 1.990	19.50 19.50	11702-87711 11702-87709
	R255A	64-255-1	4	1~2	39.98	43.02	1.490	18.00	13202-87701
	T255A	65-255-1	2	2	—	—	1.990	—	11011-87701
	B255A	68-255-1	2	1~2	44.95	48.03	1.500	17.00	11902-87701
		68-255-2	2	1~2	33.95	37.03	1.500	20.00	90043-84028 90043-84029
CB10, 12, 22, 33 CB50-T 1977~84/7 G3×993CC · 76×73 CHARADE-G10 CL10 1983~84/7 D3×993CC · 76×73 CHARADE-G30	M256A	63-255-1	8	1~4	41.98	46.02	1.990	19.50	11701-87703 11702-87704 11702-87703
	R256A	64-255-1	6	1~3	39.98	43.02	1.490	18.00	13041-87705 13041-87703 13041-87702 13202-87705 13202-87704 13202-87703
	T255A	65-255-1	2	2	—	—	1.990	—	11011-87701
	B256A	68-255-1	1	1	44.95	48.03	1.500	17.00	11902-87702
		68-255-2	1	2	33.95	37.03	1.500	20.00	90043-84028 90043-84029
CB22, 23, 33, 36, 37 CB41 1984/8~ G3×993CC · 76×73 CHARADE-G100,G11V HIJET -S85,86 CL10 1984/8~ D3×993CC · 76×73 CHARADE-G101	M278A	63-255-1 63-277-2	4 4	1~4 1~4	41.98 41.98	46.02 46.02	1.990 1.990	19.50 19.50	11701-87706 11701-87705 11702-87710 11702-87707 11702-87706 11702-87705
	R256A	64-255-1	6	1~3	39.98	43.02	1.490	18.00	13041-87705 13041-87703 13041-87702 13202-87705 13202-87704 13202-87703
	T255A	65-255-1	2	2	—	—	1.990	—	11011-87701
	B256A	68-255-1	1	1	44.95	48.03	1.500	17.00	11902-87702
		68-255-2	1	2	33.95	37.03	1.500	20.00	90043-84028 90043-84029

DAIHATSU

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
CB70-T 1987～ G3×993CC・76×73 CHARADE-G100S	M278A	63-255-1	4	1～4	41.98	46.02	1.990	19.50	11701-87705 11701-87706 11702-87705 11702-87706 11702-87707
		63-277-2	4	1～4	41.98	46.02	1.990	19.50	
	R281H	64-281-1	6	1～3	42.97	46.02	1.494	20.10	
T280A	65-280-1	2	3	—	—	1.990	—	11011-87702	
CL50-T, 70-T 1984～ D3×993CC・76×73 CHARADE-G101S	M280A	63-280-1	4	1～4	47.98	52.02	1.990	17.00	
		63-280-2	4	1～4	47.98	52.02	1.990	17.00	
	R280A	64-280-1	6	1～3	44.98	48.02	1.494	20.00	13041-87704 13202-87706
	T280A	65-280-1	2	3	—	—	1.990	—	11011-87702
DG 1969～76 D4×2530CC・88×104 DELTA－DV26,SV18 BUS－SV26N,DV26N	M275A	63-276-1	3	1,3,5	67.96	72.02	1.997	30.00	11702-87104 11702-87101 992-5113-89110
		63-276-2	3	1,3,5	67.96	72.02	1.997	30.00	
		63-276-3	2	2,4	67.96	72.02	1.997	24.00	
		63-276-4	2	2,4	67.96	72.02	1.997	24.00	
	R276A	64-276-1	8	1～4	54.97	58.02	1.496	27.63	13202-87305 13202-87303 13202-87104 13202-87101
	T275A	65-275-1	2	3	—	—	2.990	—	992-5113-1394
P275H1	67-275-1	4	1～4	25.99	29.02	1.540	30.00	90043-84057 90043-84050 90043-84044 90043-84018 90043-84105 90043-84001	
DG 1977～84 D4×2530CC・88×104 DELTA－V23,25,30	M276A	63-276-1	3	1,3,5	67.96	72.02	1.997	30.00	11702-87305
		63-276-2	2	1,3	67.96	72.02	1.997	30.00	
		63-276-3	2	2,4	67.96	72.02	1.997	24.00	
		63-276-4	2	2,4	67.96	72.02	1.997	24.00	
		63-276-(5)	1	5	67.96	72.02	1.997	37.95	
	R276A	64-276-1	8	1～4	54.97	58.02	1.496	27.63	13202-87305 13202-87303 13202-87104 13202-87101
	C276A (AFTER '82)	62-276-1	1	1	45.95	50.03	2.000	23.00	11802-87380
		62-276-2	1	2	45.65	50.03	2.000	25.00	
		62-276-3	1	3	45.35	50.03	2.000	23.00	
	P275H1	67-275-1	4	1～4	25.99	29.02	1.540	30.00	90043-84057 90043-84050 90043-84044 90043-84018 90043-84105 90043-84001

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
DL, DL-T 1983~87 D4×2765CC · 92×104 DELTA -V54,57 TAFTO -F60 RUGGER -F70,71,76 ROCKY -F75	M276A	63-276-1	3	1,3,5	67.96	72.02	1.997	30.00	11702-87305
		63-276-2	2	1,3	67.96	72.02	1.997	30.00	
		63-276-3	2	2,4	67.96	72.02	1.997	24.00	
		63-276-4	2	2,4	67.96	72.02	1.997	24.00	
		63-276-(5)	1	5	67.96	72.02	1.997	37.95	
	R276A	64-276-1	8	1~4	54.97	58.02	1.496	27.63	13202-87305 13202-87303
	C276A	62-276-1	1	1	45.95	50.03	2.000	23.00	11802-87380
		62-276-2	1	2	45.65	50.03	2.000	25.00	
		62-276-3	1	3	45.35	50.03	2.000	23.00	
	P275H1	67-275-1	4	1~4	25.99	29.02	1.540	30.00	90043-84057 90043-84018 90043-84050
DL, DL-T 1987~ D4×2765CC · 92×104 RUGGER -F71,76	M282A	63-282-1	4	1~4	67.96	72.02	1.997	24.00	11702-87306
		63-282-2	1	5	67.96	72.02	1.997	24.00	
		63-276-3	4	1~4	67.96	72.02	1.997	24.00	
		63-282-(4)	1	5	67.96	72.02	1.997	37.95	
	R276A	64-276-1	8	1~4	54.97	58.02	1.496	27.63	13202-87305
	C								11802-87301
	P276H	67-276-1	4	1~4	27.99	31.03	1.497	30.00	90043-84086
	P276HS	67-276-1S	4	1~4	—	—	—	—	90043-84086/NB
EB10, 20, 40 1985~ G3×547CC · 62×60.5 CUORE -L70 ATRAI -S80,81 MIRA -L70,71 HIJET -S80	M279A	63-279-1	4	1~4	41.98	46.02	1.994	16.00	11702-87207
		63-279-2	4	1~4	41.98	46.02	1.994	16.00	11702-87206 11701-87207 11701-87206 11701-87205 11701-87204 11701-87202 11701-87201 11702-87202 11702-87201
	R279A	64-279-1	6	1~6	36.98	40.02	1.494	15.00	13202-87205 13202-87204 13202-87202 13202-87201
	T279A	65-279-1	2	3	—	—	1.990	—	11011-87201
ED, EJ 1985~ G3×846CC · 66.6×81 HIJET	M284A	63-284-1	4	1~4	45.98	50.02	1.994	16.00	11702-87203
		63-284-2	4	1~4	45.98	50.02	1.994	16.00	
	R284A	64-284-1	6	1~3	40.01	43.02	1.490	16.00	13202-87203
	T284A	65-284-1	2	3	—	—	1.990	—	11011-87202

DAIHATSU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EF 1990~ G3×659CC · 68×60.5 MIRA -L200,210	M279A	63-279-1 63-279-2	4 4	1~4 1~4	41.98 41.98	46.02 46.02	1.994 1.994	16.00 16.00	11702-87207 11702-87206 11701-87207 11701-87206 11701-87205 11701-87204 11701-87202 11701-87201 11702-87202 11702-87201
	R279A	64-279-1	6	1~6	36.98	40.02	1.494	15.00	13202-87205 13202-87204 13202-87202 13202-87201
	T279A	65-279-1	2	3	—	—	1.990	—	11011-87201
FE 1964~77 G4×958CC · 68×66 CONSORTE -EP30,40,45 TAFTO -F10 COMPAGNO -F40,F402	M251H	63-251-1 63-251-(3)	4 2	1,2 3	49.99 49.99	54.02 54.02	1.985 1.985	22.13 31.95	11702-87104
	R251H	64-251-1	8	1~4	41.99	45.02	1.490	21.13	13202-87104 13202-87101
HC 1988~ G4×1295CC · 76×71.4 CHARADE-G102,112 HD 1988~ G4×1589CC · 76×87.6 APPLAUSE-A101 ROCKY -F300	M283A	63-283-1	10	1~5	49.98	54.02	1.999	18.01	11701-87102 11701-87101
	R283A	64-283-1	8	1~4	44.98	48.02	1.494	18.00	13041-87103 13041-87102 13041-87101
	T283A1	65-283-1	2	3	—	—	2.490	—	11011-87101
K3 2000~ G4×1297CC · 72.0×79.7 YRV-M201G,M211G TERIOS -J102G, STORIA -M101S	M725A	63-725-1 63-725-2	5 5	1~5 1~5	46.00 46.00	50.02 50.02	1.992 1.992	14.90 14.90	11701-97401
	(With one oil hole & locking lip)								
	M726A	63-726-1 63-726-2	5 5	1~5 1~5	46.00 46.00	50.02 50.02	1.992 1.992	14.90 14.90	11701-B1021 11701-B1020
	(With two oil holes and no locking lip)								
	R726A	64-726-1	8	1~4	40.00	43.01	1.492	13.20	13041-97401
	T284A	65-284-1	2	3	—	—	1.990	—	11791-B1020 11791-97401

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
B1 (121, 323) 1985~ G4×1138CC · 68×78.4 FESTIVA -DA1PF B3 (323) 1985~ G4×1323CC · 71×83.6 FAMILIA -BFTP B5 (323) 1985~ G4×1498CC · 78×78.4 FAMILIA -BFSR	M313A (UP TO '89) M317A (AFTER '89) R313A T317A	63-313-1	10	1~5	49.94	54.02	2.010	19.13	B6Y0-11-SG0
		63-317-1	5	1~5	49.94	54.02	2.010	17.50	B6Y2-11-SG0
		63-317-2	5	1~5	49.94	54.02	2.010	17.50	B6Y1-11-SG0
		64-313-1	8	1~4	39.94	43.02	1.510	17.13	B3Y0-11-SE0
B6, B6-T 1985~ G4×1597CC · 78×83.6 FAMILIA -BFMP,BFMR GD6P ETUDE -BFMP,BFSP LASER -BFMSF,BFMRF BJ 1986~ G4×1290CC · 78×67.5 FESTIVA -DAJPF BP 1989~ G4×1839CC · 83×85 FAMILIA -BG8Z,BG8R LASER -BG8RF	M313A (UP TO '86) M317A (AFTER '86) R317A T317A	63-313-1	10	1~5	49.94	54.02	2.010	19.13	B6Y0-11-SG0
		63-317-1	5	1~5	49.94	54.02	2.010	17.50	B6Y2-11-SG0
		63-317-2	5	1~5	49.94	54.02	2.010	17.50	B6Y1-11-SG0
		64-317-1	8	1~4	44.94	48.02	1.510	17.00	B6Y1-11-SE0 B6Y0-11-SE0
D5 1985~ G4×1490CC · 77×80 E1 (323) 1980~86 G4×1071CC · 70×69.6 E3 (323) 1980~87 G4×1296CC · 77×69.6 FAMILIA -BD1031,BF3P E5 (323) 1980~ G4×1490CC · 77×80 FAMILIA -BD1051,BF5P	M313A R313A T313A	63-313-1	10	1~5	49.94	54.02	2.010	19.13	E580-23-151 E301-23-151 B6Y0-11-SG0 8034-23-151 E5B6-23-151
		64-313-1	8	1~4	39.94	43.02	1.510	17.13	B3Y0-11-SE0 E580-23-105 8936-23-105 8034-23-105 E5B6-23-105
		65-313-1	2	3	—	—	2.000	—	8034-11-380
		65-313-2	2	3	—	—	2.000	—	

MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
F6 (626) 1982~87 G4×1587CC · 81×77 CAPELLA -GC6P	M315A R336A	63-315-1 63-315-(2) 64-336-1	9 1 8	1~5 3 1~4	59.94 59.94 50.94	64.02 64.02 54.02	2.007 2.007 1.509	19.13 27.99 21.13	F801-23-251 FE30-23-151 F801-23-105
F8 (626) 1982~87 G4×1789CC · 86×77 CAPELLA -GC8P,GC8J BONGO -SR89V									
FE 1983~87 G4×1998CC · 86×86 CAPELLA -GCEP BONGO -SREAV,SDEAT COSMO -HBES LUCE -HBEP									
F6 (626) 1987~ G4×1587CC · 81×77 CAPELLA -GD8A	M322A R336A	63-322-1 63-322-2 63-315-(2) 64-336-1	4 5 1 8	1,2,4,5 1~5 3 1~4	59.94 59.94 59.94 50.94	64.02 64.02 64.02 54.02	2.010 2.010 2.007 1.509	18.50 18.50 27.99 21.13	FE1H-11-SG0 F801-23-105
F8 (626) 1987~ G4×1789CC · 86×77 BONGO -SS88M,SD89T									
FE 1987~ G4×1998CC · 86×86 BONGO -SREAV,SDEAT									
F2 1988~ G4×2184CC · 86×94									
FE (DOHC) 1987~ G4×1998CC · 86×86 626 MX-6	M322A R322A	63-322-1 63-322-2 63-315-(2) 64-322-1	4 5 1 8	1,2,4,5 1~5 3 1~4	59.94 59.94 59.94 50.94	64.02 64.02 64.02 54.02	2.010 2.010 2.007 1.510	18.50 18.50 27.99 21.13	FE1H-11-SG0 FEYA-11-SE0
F8 (DOHC) 1990~ G4×1789CC · 86×77 PROTEGE									
FS G4×1991CC · 83×92 TELSTAR -GESRF CAPELLA -CG2SP	M325A R325A T325A	63-325-1 63-325-2 64-325-1 65-325-1	5 5 8 2	1~5 1~5 1~4 3	55.94 55.94 47.94 —	60.02 60.02 51.02 —	2.010 2.010 1.510 2.550	17.60 17.60 17.10 —	FSY1-11-SG0 FSY1-11-SE0 FSY2-11-SE0 FSY1-11-SJ0
FP G4×1839CC · 83×85 PROTEGE									

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
G6 G4×2605CC PROCEED	M329A	63-329-1 63-329-2 63-329-(3)	4 5 1	1,2,4,5 1～5 3	59.97 59.97 59.97	64.02 64.02 64.02	2.010 2.010 2.010	20.10 20.10 25.97	G601-11-SG0	
	R322A	64-322-1	8	1～4	50.94	54.02	1.510	21.13	FEYA-11-SE0	
HA (E3000, T3000) 1977～ D4×2977CC・95×105 TITAN -TA3H,WEW WEF,WEY BUS -TA3H4F	M312A	63-312-1	10	1～5	75.81	80.90	2.103	28.60	SE01-23-110 SL01-23-110 1363-23-110	
	R312A	64-312-1	8	1～4	61.11	64.85	1.836	28.00	SE45-11-SE0 1363-23-105	
	T312A	65-312-1	2	3	—	—	2.325	—	SL01-23-115 1363-23-115	
		65-312-2	2	3	—	—	2.325	—		
	P319H (UP TO '80)	67-319-1	4	1～4	31.73	34.96	1.610	26.80	0636-11-213	
	P319HS	67-319-1S	4	1～4	—	—	—	—	0636-11-213/NB	
	P312H (AFTER '80)	67-312-1	4	1～4	29.98	33.11	1.495	34.30	SE01-11-213	
P312HS	67-312-1S	4	1～4	—	—	—	—	SE01-11-213/NB		
JE 1987/7～ GV6×2954CC・90×77.4 LUCE SENTIA MPV JF 1986/7～91/9 GV6×1997CC・74×77.4 MPV	M328A	63-328-1 63-328-2	4 4	1～4 1～4	61.94 61.94	66.02 66.02	2.012 2.012	18.13 18.13	JEY1-11-SG0 JEY0-11-SG0 JEY1-11-SG0	
		R328A (FOR JE)	64-328-1	12	1～6	52.94	56.02	1.511		17.03
	R329A (FOR JF)	64-325-1	12	1～6	47.94	51.02	1.510	17.10	JFY1-11-SE0	
KJ GV6×2254CC・80.3×74.2 KL-ZE 1992～ GV6×2496CC・84.5×74.2 CRONOS -GE5P MX-6 -GE5B MS-8 -MB5A TELSTAR -GE5PF	M323H	63-323-1 63-323-2 63-323-3 63-323-4	1 1 3 3	1 1 2～4 2～4	61.94 61.94 61.94 61.94	67.02 67.02 67.02 67.02	2.506 2.506 2.506 2.506	22.03 22.03 18.13 18.13	KJY1-11-SG0 KJY1-11-SG0A KLY1-11-SG0A KLY1-11-SGB KJY1-11-SH0 KLY1-11-SG0	
		R323H	64-323-1	12	1～6	52.94	56.02	1.511		17.03
MA (121, 626, 929, T2000, B2000) 1977～89 G4×1970CC・80×98 LUCE -LA4MV COSMO -HBPHE,HBSHE CAPELLA -CB2MS	M304A	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	0305-23-151	
	R305A	64-305-1	8	1～4	52.94	56.02	1.510	22.13	3975-23-105 0290-23-105	
	T304A	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	0305-23-201	
	C304L	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	0305-23-250 0221-23-150	
	P304H	67-304-1	4	1～4	21.98	25.02	1.530	28.00	0107-11-212	
	P304HS	67-304-1S	4	1～4	—	—	—	—	0107-11-212/NB	

MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
NA (616, 626, 808, B1600, E1600) 1970~83 G4×1586CC · 78×83 FAMILIA -SN3A,SN4A BONGO -BN2N9	M304A	63-304-1	6	1,2,4	62.94	67.02	2.010	18.13	0305-23-151
		63-304-2	2	3,5	62.94	67.02	2.010	24.13	
		63-304-3	2	3,5	62.94	67.02	2.010	24.13	
	R304A1	64-304-1	8	1~4	52.94	56.02	1.510	20.90	0552-23-105 0222-23-105 0222-11-225 GE01-23-105
	T304A	65-304-1	2	3	—	—	2.050	—	0305-23-201
		65-304-2	2	3	—	—	2.050	—	
	C304L	62-304-1	2	1	44.95	49.03	2.015	24.13	0305-23-250 0221-23-150
		62-304-2	2	2	44.95	49.03	2.015	18.13	
		62-304-3	2	3	44.95	49.03	2.015	18.13	
	P304H	67-304-1	4	1~4	21.98	25.02	1.530	28.00	0107-11-212
	P304HS	67-304-1S	4	1~4	—	—	—	—	0107-11-212/NB
PB 1967~90 G4×987CC · 68×68 FAMILIA -BPA55,BPB55 BONGO -FPA,FPAV,FPAH	M303A	63-303-1	6	1,2,4	55.94	60.02	2.013	20.13	0268-23-110
		63-303-2	4	3,5	55.94	60.02	2.013	23.13	
	R303A	64-303-1	8	1~4	44.94	48.02	1.510	19.63	0249-23-105
	T303A	65-303-1	2	5	—	—	2.000	—	0249-23-115
		65-303-2	2	5	—	—	2.000	—	
	P303H	67-303-1	4	1~4	19.98	23.02	1.530	24.02	0249-11-213
PC 1970~78 G4×985CC · 70×64 FAMILIA -SPC,FA3PC SPV,H-SPCV	M310A	63-310-1	6	1,2,4	62.94	67.02	2.010	20.13	0324-23-151
		63-310-2	4	3,5	62.94	67.02	2.010	23.13	
	R303A	64-303-1	8	1~4	44.94	48.02	1.510	19.63	0249-23-105
	T310A	65-310-1	2	5	—	—	2.000	—	0324-11-380
		65-310-2	2	5	—	—	2.000	—	
	P303H	67-303-1	4	1~4	19.98	23.02	1.530	24.02	0249-11-213
PN 1985~ D4×1720CC · 78×90 FAMILIA -BF7P,BF7VF	M324A	63-324-1	5	1~5	55.94	60.02	2.010	17.63	PN11-11-SG0
		63-324-2	5	1~5	55.94	60.02	2.010	17.63	
	R324A	64-324-1	8	1~4	48.94	52.02	1.510	18.13	PN11-11-SE0
	T324A	65-324-1	2	—	—	—	2.550	—	PN11-11-SJ0
	P324H	67-324-1	4	1~4	24.99	28.02	1.535	22.80	PN-11-11-213
R2 1983~ D4×2184CC · 86×94 BONGO -SR29V,SD29M SD29T SD2AT,SR24V SE28M	M316A	63-316-1	8	1,2,4,5	59.94	64.02	2.007	19.13	RF01-23-135
		63-316-2	2	3	59.94	64.02	2.007	21.13	
	R315A1 (without hole)	64-315-1	8	1~4	50.94	54.02	1.509	21.13	RF01-23-105
	R336A (with hole)	64-336-1	8	1~4	50.94	54.02	1.509	21.13	F801-23-105
	T316A	65-316-1	2	3	—	—	2.050	—	RF01-23-115
		65-316-2	2	3	—	—	2.050	—	
	P316H (UN FINISHED)	67-316-1S	4	1~4	24.99	28.03	1.523	26.50	RF01-11-213
	P336H (FINISHED)	67-316-1	4	1~4	24.99	28.03	1.520	26.50	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
RF 1983~ D4×1998CC · 86×86 CAPELLA -GCFJ,GDFJ BONGO -SSF8V,SEF8T	M316A	63-316-1 63-316-2	8 2	1,2,4,5 3	59.94 59.94	64.02 64.02	2.007 2.007	19.13 21.13	RF01-23-135
	R315A1 (without hole)	64-315-1	8	1~4	50.94	54.02	1.509	21.13	RF01-23-105
	R336A (with hole)	64-336-1	8	1~4	50.94	54.02	1.509	21.13	F801-23-105
	T316A	65-316-1 65-316-2	2 2	3 3	— —	— —	2.050 2.050	— —	RF01-23-115
	P316H (UN FINISHED)	67-316-1S	4	1~4	24.99	28.03	1.523	26.50	RF01-11-213
	P336H (FINISHED)	67-316-1	4	1~4	24.99	28.03	1.520	26.50	
S2 (E2200, B2200) 1979~90 D4×2209CC · 88.9×89 LUCE -LA4SS,BPS2 BONGO -BA2S COSMO -HBPS2	M314H	63-314-1 63-314-2	9 1	1~5 3	64.98 64.98	69.02 69.02	1.980 1.980	28.63 28.63	1456-23-110
	R314H	64-314-1	8	1~4	52.98	56.71	1.830	28.63	1456-23-105
	T314A	65-314-1 65-314-2	2 2	3 3	— —	— —	2.325 2.325	— —	1456-23-115
	P314H (UN FINISHED)	67-314-1S	4	1~4	27.99	31.04	1.530	26.80	S213-11-213 0911-11-213
SL, SL-T (E3500, T3500) 1983~89 D4×3455CC · 100×110 TITAN -WEL BUS -WVL	M312A	63-312-1	10	1~5	75.85	80.09	2.103	28.60	SL01-23-110
	R312A	64-312-1	8	1~4	61.11	64.85	1.836	28.00	SL01-23-105
	T312A	65-312-1 65-312-2	2 2	3 3	— —	— —	2.325 2.325	— —	SL01-23-115
	P318H	67-318-1	4	1~4	33.99	37.11	1.502	34.30	SL01-11-213
	P318HS	67-318-1S	4	1~4	—	—	—	—	SL01-11-213/NB
TA 1969~73 G4×1169CC · 70×76 FAMILIA -BTR65 TB 1968~90 G4×1169CC · 70×76 FAMILIA -TAV,STA,BTA55	M303A	63-303-1 63-303-2	6 4	1,2,4 3,5	55.94 55.94	60.02 60.02	2.013 2.013	20.13 23.13	0268-23-110 0249-23-110
	R303A	64-303-1	8	1~4	44.94	48.02	1.510	19.63	0249-23-105
	T303A	65-303-1 65-303-2	2 2	5 5	— —	— —	2.000 2.000	— —	0249-23-115
	P303H	67-303-1	4	1~4	19.98	23.02	1.530	24.20	0249-11-213
TC 1970~78 G4×1272CC · 73×76 FAMILIA -STB,STC,SBAV FABTS,FA2T65 TRUCK -BA2T8	M310A	63-310-1 63-310-2	6 4	1,2,4 3,5	62.94 62.94	67.02 67.02	2.010 2.010	20.13 23.13	0324-23-151
	R303A	64-303-1	8	1~4	44.94	48.02	1.510	19.63	0249-23-105
	T310A	65-310-1 65-310-2	2 2	5 5	— —	— —	2.000 2.000	— —	0324-11-380
	P303H	67-303-1	4	1~4	19.98	23.02	1.530	24.20	0249-11-213

MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
TC 1978~85 G4×1272CC · 73×76 FAMILIA -FAZT65,FA4T BONGO -EZCT4,25,54 EZC74,75	M313A	63-313-1	10	1~5	49.94	54.02	2.010	19.13	B6Y0-11-SG0 E5B6-23-151 E580-23-151 E301-23-151 8034-23-151
	R313A	64-313-1	8	1~4	39.94	43.02	1.510	17.13	B3Y0-11-SE0 E5B6-23-105 E580-23-105 8034-23-105 8936-23-105
	T313A	65-313-1 65-313-2	2 2	3 3	— —	— —	2.000 2.000	— —	8034-11-380
TF 1989~ D4×4021CC · 105.5×115 TM 1991~ D4×4553CC · 109×122	M326A	63-326-1 63-326-2	5 5	1~5 1~5	78.88 78.88	84.12 84.12	2.525 2.525	29.40 29.40	TF01-11-SG0
	R326A	64-326-1	8	1~4	63.88	68.12	2.030	29.90	TF01-11-SE0 TFY1-11-SE0
UA (D1500) 1971~77 G4×1484CC · 75×84 CRAFT -DUC9,DUE91 -DUE95	M311A	63-311-1 63-311-(2) 63-311-4	2 2 2	1 2 3	62.94 62.94 62.94	67.02 67.02 67.02	2.015 2.015 2.015	24.60 36.02 30.10	0552-23-140
	R								0571-23-105
	P304H	67-304-1	4	1~4	21.98	25.02	1.530	28.00	0107-11-212
UB 1971~74 G4×1490CC · 78×78 FAMILIA -SU4A CAPELLA -SU2A	M304A	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	0305-23-151
	R304A1	64-304-1	8	1~4	52.94	56.02	1.510	20.90	GE01-23-105 0552-23-105 0222-23-105
	T304A	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	0305-23-201
	C304L	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	0305-23-250 0221-23-150
	P304H	67-304-1	4	1~4	21.98	25.02	1.530	28.00	0107-11-212
	P304HS	67-304-1S	4	1~4	—	—	—	—	0107-11-212/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
UC (323, E1400) 1976~ G4×1415CC · 77×76 FAMILIA -FA4U,FA4UV BONGO -BA2U8,SE48T	M313A	63-313-1	10	1~5	49.94	54.02	2.010	19.13	B6Y0-11-SG0 E5B6-23-151 E580-23-151 E301-23-151 8034-23-151
	R313A	64-313-1	8	1~4	39.94	43.02	1.510	17.13	B3Y0-11-SE0 E5B6-23-105 E580-23-105 8034-23-105 8936-23-105
	T313A	65-313-1 65-313-2	2 2	3 3	— —	— —	2.000 2.000	— —	8034-11-380
VA (E2000) 1971~88 G4×1985CC · 82×94 TITAN -EV B12,43 BUS -EV K15	M311A	63-311-1 63-311-(2) 63-311-4	2 2 2	1 2 3	62.94 62.94 62.94	67.02 67.02 67.02	2.015 2.015 2.015	24.60 36.02 30.10	0552-23-140
	R304A1	64-304-1	8	1~4	52.94	56.02	1.510	20.90	GE01-23-105 0552-23-105 0222-23-105
	P304H	67-304-1	4	1~4	21.98	25.02	1.530	28.00	0107-11-212
	P304HS	67-304-1S	4	1~4	—	—	—	—	0107-11-212/NB
VB (618, B1800) 1969~76 G4×1796CC · 78×94 LUCE -SVA PICK UP -PE2V	M304A	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	0305-23-151
	R305A	64-305-1	8	1~4	52.94	56.02	1.510	22.13	3975-23-105 0290-23-105
	T304A	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	0305-23-201
	C304L	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	0305-23-250 0221-23-150
	P304H	67-304-1	4	1~4	21.98	25.02	1.530	28.00	0107-11-212
	P304HS	67-304-1S	4	1~4	—	—	—	—	0107-11-212/NB
VC (626, 929, B1800) 1973~86 G4×1768CC · 80×88 LUCE -LA2V,LA4VS CAPELLA -SV2A,CB2VS BONGO -PV2E7 COSMO -HBPH8,CD2VC	M304A	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	0305-23-151
	R304A1	64-304-1	8	1~4	52.94	56.02	1.510	20.90	GE01-23-105 0552-23-105 0222-23-105
	T304A	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	0305-23-201
	C304L	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	0305-23-250 0221-23-150
	P304H	67-304-1	4	1~4	21.98	25.02	1.530	28.00	0107-11-212
	P304HS	67-304-1S	4	1~4	—	—	—	—	0107-11-212/NB

MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
W9 2006~ D4×2953CC · 96×102 BT50	M327A	63-327-1	5	1~5	66.94	71.02	2.013	22.60	WLY1-11-SG0 WLY6-11-SG0
		63-327-2	5	1~5	66.94	71.02	2.013	22.60	
	R332A	64-332-1	8	1~4	56.92	60.02	1.510	23.60	W9Y2-11-SE0
	T327A	65-327-1	2	3	—	—	2.505	—	WLY1-11-SJ0 WLY6-11-SJ0
		65-327-2	2	3	—	—	2.505	—	
WL (B2500) D4×2499CC · 93×92 BONGO	M327A	63-327-1	5	1~5	66.94	71.02	2.013	22.60	WLY1-11-SG0
		63-327-2	5	1~5	66.94	71.02	2.013	22.60	
	R327A	64-327-1	8	1~4	54.94	58.02	1.513	23.60	WLY1-11-SE0
	T327A	65-327-1	2	3	—	—	2.505	—	WLY1-11-SJ0
		65-327-2	2	3	—	—	2.505	—	
XA (E2500, T2500) 1967~89 D4×2522CC · 88.9×101.6 TRUCK -EXA,EXB12S TITAN -EXB,EXC -EXR15,WEW051 BUS -AEXC	M307H	63-307-1	10	1~5	69.81	74.09	2.090	28.70	S501-23-110 0527-23-110 0636-23-110 0636-23-361
	RP307H (Without hole) (2 PAIRS/PACKAGE, 2 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70	
		64-308-1	2	—	57.11	60.84	1.838	28.70	
	RP308H (With hole) (1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838	28.70	
	T307A	65-307-1	2	3	—	—	2.325	—	0636-23-115
		65-307-2	2	3	—	—	2.325	—	
	P319H (UP TO '80)	67-319-1	4	1~4	31.74	34.96	1.610	26.80	0636-11-213
	P319HS	67-319-1S	4	1~4	—	—	—	—	0636-11-213/NB
XB (E2700) 1971~78 D4×2701CC · 92×101.6 TITAN -EXC,EXM	M307H	63-307-1	10	1~5	69.81	74.09	2.090	28.70	S501-23-110 0527-23-110 0636-23-110 0636-23-361
	RP307H (Without hole) (2 PAIRS/PACKAGE, 2 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70	
		64-308-1	2	—	57.11	60.84	1.838	28.70	
	RP308H (With hole) (1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838	28.70	
	T307A	65-307-1	2	3	—	—	2.325	—	0636-23-115
		65-307-2	2	3	—	—	2.325	—	
	P319H	67-319-1	4	1~4	31.74	34.96	1.610	26.80	0636-11-213
	P319HS	67-319-1S	4	1~4	—	—	—	—	0636-11-213/NB

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
YA 1969~74 D6×3783CC · 88.9×101.6 TITAN -EYA BOXER -EYA	M308H	63-307-1	14	1~7	69.81	74.09	2.090	28.70	0727-23-110 0784-23-110 V101-23-110 4867-23-110
	RP307H (Without hole) (2 PAIRS/PACKAGE,3 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70	0527-23-105 0636-23-105 0636-11-105
	RP308H (With hole) (1 PAIR/PACKAGE,6 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838	28.70	
	T307A	65-307-1 65-307-2	2 2	3 3	— —	— —	2.325 2.325	— —	0636-23-115
	P320H	67-319-1	6	1~6	31.74	34.96	1.610	26.80	0636-11-213
	P320HS	67-319-1S	6	1~6	—	—	—	—	0636-11-213/NB
ZB (E4100,T4100) 1972~80 D6×4052CC · 92×101.6 BOXER -EZB	M308H	63-307-1	14	1~7	69.81	74.09	2.090	28.70	0727-23-110 0784-23-110 V101-23-110 4867-23-110
	RP307H (Without hole) (2 PAIRS/PACKAGE,3 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70	0527-23-105 0636-23-105 0636-11-105
	RP308H (With hole) (1 PAIR/PACKAGE,6 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838	28.70	
	T307A	65-307-1 65-307-2	2 2	3 3	— —	— —	2.325 2.325	— —	0636-23-115
	P320H	67-319-1	6	1~6	31.74	34.96	1.610	26.80	0636-11-213
	P320HS	67-319-1S	6	1~6	—	—	—	—	0636-11-213/NB
ZB (E4100,T4100) 1980~ D6×4052CC · 92×101.6 TITAN -WEZ011 WEX011	M308H	63-307-1	14	1~7	69.81	74.09	2.090	28.70	V101-23-110 4867-23-110
	R308H	64-308-1	12	1~6	57.11	60.84	1.838	28.70	V101-23-105
	T307A	65-307-1 65-307-2	2 2	3 3	— —	— —	2.325 2.325	— —	0636-23-115
	P320H	67-319-1	6	1~6	31.74	34.96	1.610	26.80	0636-11-213
	P320HS	67-319-1S	6	1~6	—	—	—	—	0636-11-213/NB

MAZDA

MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
3D82E D3× CC • SHOVEL -PC20-7	M418A	63-418-1	4	1~4	46.95	51.03	2.000	18.10	YM119810-02800
		63-418-2	4	1~4	46.95	51.03	2.000	18.10	YM119810-02801
	R418A	64-418-1	6	1~6	42.95	46.02	1.500	18.10	YM119810-23610 YM119810-23611
	T418A	65-418-1 65-418-2	2 2	— —	— —	— —	1.980 1.980	— —	YM119810-02930
3D84E D3×1429CC • SHOVEL -PC30-7	M415A	63-415-1	4	1~4	49.95	54.03	2.000	20.00	YM129150-02801
		63-415-2	4	1~4	49.95	54.03	2.000	20.00	YM129150-02800
	R415A	64-415-1	6	1~3	47.95	51.01	1.500	20.00	YM129150-23601 YM129150-23600
	T415A	65-415-1 65-415-2	2 2	— —	— —	— —	1.980 1.980	— —	YM129150-02931 YM129150-02930
4D84E D4×1906CC • SHOVEL -PC40-7	M416A	63-415-1	5	1~5	49.95	54.03	2.000	20.00	YM129150-02801
		63-415-2	5	1~5	49.95	54.03	2.000	20.00	YM129150-02800
	R416A	64-415-1	8	1~4	47.95	51.01	1.500	20.00	YM129150-23601 YM129150-23600
	T415A	65-415-1 65-415-2	2 2	— —	— —	— —	1.980 1.980	— —	YM129150-02931 YM129150-02930
4D95L 1984~ D4×3260CC • 95×115 4D95S 1987~ D4×2690CC • 95×95	M408H	63-408-1	5	1~5	70.00	74.02	1.970	25.00	6204-21-8100
		63-408-2	5	1~5	70.00	74.02	1.970	25.00	6204-21-8010
	R408H	64-408-1	4	1~4	57.00	61.02	1.980	25.00	6204-31-3400
		64-408-2	4	1~4	57.00	61.02	1.980	25.00	6204-31-3410
	T408H	65-408-1	3	—	—	—	3.120	—	6204-21-8500
	C408H	62-408-1	1	—	50.40	53.53	1.525	23.00	6206-21-1430
		62-408-2	2	—	50.40	53.53	1.525	18.00	6206-21-1420 6206-21-1410 6204-21-1410
	P408H	67-408-1	4	—	29.94	33.03	1.505	31.80	6206-31-3130 6207-31-3130 6204-31-3130
6D95L 1986~ D6×4890CC • 95×115	M409H	63-408-1	7	1~7	70.00	74.02	1.970	25.00	6204-21-8100
		63-408-2	7	1~7	70.00	74.02	1.970	25.00	6204-21-8010
	R409H	64-408-1	6	1~6	57.00	61.02	1.978	25.00	6204-31-3400
		64-408-2	6	1~6	57.00	61.02	1.978	25.00	6204-31-3410
	R410H	64-410-1	12	1~6	57.00	61.02	1.978	25.00	6207-31-3600
	T408H	65-408-1	3	—	—	—	3.120	—	6204-21-8500 6204-21-8050
	C409H	62-408-1	1	—	50.40	53.53	1.525	23.00	6206-21-1430
		62-408-2	3	—	50.40	53.53	1.525	18.00	6206-21-1420 6206-21-1410 6204-21-1410 6204-21-1420
	P409H	67-408-1	6	—	29.94	33.03	1.505	31.80	6206-31-3130 6207-31-3130 6204-31-3130

KOMATSU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4D92-1, 2, 3 D4×2610CC · 92×98 BULLDOZER -D20A3/A5 D20P3/P5 D20DL3/DL5 D20S3/S5 D20Q3/Q5 D21A3/A5 D21S3/S5 D21Q3/Q5 SHOVEL -10HT1/2 10HQ1/2 10HW1/2 COMPRESSOR -EC35V1 EC35VS1 EC50ZS1 GENERATOR -EG30,EG30S1	M403H	63-403-1 63-403-2	5 5	1~5 1~5	69.98 69.98	75.02 75.02	2.471 2.471	25.00 25.00	6140-21-8010 6141-21-8000 6140-21-8000 6141-21-8010 6140-21-8020
	R403H	64-403-1	8	1~4	59.98	64.02	1.982	25.00	6140-31-3410 6140-31-3040
	T403H	65-403-1 65-403-2	2 2	5 5	— —	— —	2.610 2.610	— —	6140-21-8050
	P403H	67-403-1	4	1~4	32.00	36.03	1.995	28.00	6140-31-3131
4D94-2 1978~ D4×2940CC · 94×106 GENERATOR -EG30 SHOVEL -50S,507 10HT,10WT BULLDOZER -D20,21 COMPRESSOR -EC50	M407H	63-403-1	10	1~5	69.98	75.02	2.471	25.00	6142-22-8010 6144-21-8000
	R403H	64-403-1	8	1~4	59.98	64.02	1.982	25.00	6140-31-3410 6140-31-3040
	T403H	65-403-1 65-403-2	2 2	5 5	— —	— —	2.610 2.610	— —	6140-21-8050
	P403H	67-403-1	4	1~4	32.00	36.03	1.995	28.00	6140-31-3131
4D94E 1978~ D4×2775CC · 94×100	M412A	63-412-1 63-412-2	5 5	1~5 1~5	64.95 64.95	69.03 69.03	2.000 2.000	23.00 23.00	YM129900-02801 YM129900-02800
	R412A	64-412-1	8	1~4	57.95	61.01	1.500	22.90	YM129900-23601 YM129900-23600
	T412A	65-412-1 65-412-2	2 2	3 3	— —	— —	1.980 1.980	— —	YM129900-02931 YM129900-02930
	P412H	67-412-1	4	1~4	29.99	33.03	1.488	31.50	YM129900-23911 YM129900-23910
4D105-5, S4D105-5 1981~85 D4×4330CC · 105×125 BULLDOZER -D30,31 GENERATOR -EG50 SHOVEL -PC100,PW100	M404A	63-404-1 63-404-2	5 5	1~5 1~5	84.93 84.93	91.02 91.02	3.002 3.002	30.13 30.13	6134-21-8010 6134-21-8000 6136-21-8010
	R404A	64-404-1 64-404-2	4 4	1~4 1~4	65.93 65.93	70.02 70.02	2.012 2.012	33.13 33.13	6136-21-3040 6136-31-3040
	R413H	64-413-1	8	1~4	65.93	70.02	2.005	33.00	66138-31-3040
	T404A	65-404-1	3	5	—	—	2.430	—	6136-21-8050 6134-21-8050
	C404H	62-404-1	3	1~3	54.48	57.53	1.500	25.00	6136-21-1410
	P404H	67-404-1	4	1~4	40.02	44.13	2.015	38.00	6136-32-3130 6136-31-3130

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
6D105-1, S6D105-1 1979～85 D6×6490CC・105×125 GENERATOR -EG300,100 SHOVEL -PC200,JH63 SA6D110-1 1981～85 D6×7130CC・110×125 COMPRESSOR -EC210 GENERATOR -EG150 SHOVEL -540	M405A R405A R414H (95～) T404A C405H P405H	63-404-1 63-404-2 64-404-1 64-404-2 64-413-1 65-404-1 62-404-1 67-404-1	7 7 6 6 12 3 4 6	1～7 1～7 1～6 1～6 1～6 5 1～4 1～6	84.93 84.93 65.93 65.93 65.93 — 54.48 40.02	91.02 91.02 70.02 70.02 70.02 — 57.53 44.13	3.002 3.002 2.012 2.012 2.005 2.430 1.500 2.015	30.13 30.13 33.13 33.13 33.00 — 25.00 38.00	6136-21-8000 6136-21-8010 6136-31-3410 6136-31-3040 6136-21-3040 6138-31-3040 6136-21-8050 6136-21-1410 6136-31-3130 6136-32-3130
4D120 15TYPE D4×7240CC・120×160 BULLDOZER -D50P15,D50A15 D50PL15 D50S15,D53A15 D53P15,D53S15 D55S3 SHOVEL -S22B,25B1 MOTOR GRADER -GD30-5M GD30-3M GD37-5H GENERATOR -EG75-1 EG75S1,EG100 EG700S1	M401H R401H T401P P401H	63-401-1 63-401-2 63-401-3 63-401-4 64-401-1 65-401-1 65-401-2 67-401-1	2 6 1 1 8 2 2 4	1 2,3,4 5 5 1～4 F5 R5 1～4	94.93 94.93 94.93 94.93 74.93 — — 43.72	102.02 102.02 102.02 102.02 81.02 — — 49.88	3.500 3.500 3.500 3.500 3.000 4.950 4.950 3.040	50.01 37.01 50.01 50.01 50.01 — — 19.00	6112-23-8000 6114-20-8010 6112-23-8070 6110-20-8070 6110-20-8010 6110-20-8011 6110-30-3500 6114-31-3400 6114-31-3410 6112-33-3410 6112-23-8050 6110-33-3120
4D130-1 D4×8495CC・130×160 BULLDOZER -D50A16,D50P16 D50PL16 D50S16,D50F16 D57S1,D53A16 D53P16,D53S16 MOTOR GRADER -GD31RC3A GD650R,GD55A GD655R	M401H R401H T401RP	63-401-1 63-401-2 63-401-3 63-401-4 64-401-1 65-401-2	2 6 1 1 8 4	1 2,3,4 5 5 1～4 5	94.93 94.93 94.93 94.93 74.93 —	102.02 102.02 102.02 102.02 81.02 —	3.500 3.500 3.500 3.500 3.000 4.950	50.01 37.01 50.01 50.01 50.01 —	6112-23-8000 6114-20-8010 6112-23-8070 6110-20-8070 6110-20-8010 6110-20-8011 6110-30-3500 6114-31-3400 6114-31-3410 6112-33-3410 6112-23-8540 6110-21-8600 6114-20-8050 6112-21-8540
6D125 1984～ D6×11040CC・125×150 BULLDOZER -D60,75 MOTOR GRADER -GD705 COMPRESSOR -EC260	M411H R411H	63-411-1 63-411-2 64-411-1 64-411-2	7 7 6 6	1～7 1～7 1～6 1～6	109.93 109.93 79.93 79.93	116.02 116.02 85.02 85.02	2.990 2.990 2.510 2.510	34.00 34.00 40.00 40.00	6150-21-8000 6150-21-8010 6150-21-8310 6150-31-3040 6150-31-3440

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MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
SAA6D107E★ D6×6690CC・107×124 SHOVEL－PC200 PC210	M420A	63-420-1 63-420-2 63-420-(3)	6 7 1	1,3,4,5,6 1～7 2	83.03 83.03 83.03	88.04 88.04 88.04	2.465 2.465 2.465	29.13 29.13 32.60	6736-21-8110 6754-22-8320 6754-22-8310
	R420H	64-420-1 64-420-2	6 6	1～6 1～6	69.00 69.00	73.02 73.02	1.970 1.970	31.10 31.10	6754-31-3410 6732-31-3420
	C420A	62-420-1	2	1～2	54.05	59.29	2.575	25.50	6732-21-1411
★	P420H	67-420-1	6	1～6	39.49	43.04	1.736	23.60 38.00	6732-31-3132
SAA6D102E★ D6×5880CC・102×120 WHEEL LOADER-PC200-7 ★	M420A	63-420-1 63-420-2 63-420-(3)	6 7 1	1,3,4,5,6 1～7 2	83.03 83.03 83.03	88.04 88.04 88.04	2.465 2.465 2.465	29.13 29.13 32.60	6736-21-8110 6754-22-8320 6754-22-8310
	R421H	64-420-1	12	1～6	69.00	73.02	1.970	31.10	6754-31-3410 6732-31-3410
	C421A	62-420-1	1	1	54.05	59.29	2.575	25.50	6732-21-1411
★	P420H	67-420-1	6	1～6	39.49	43.04	1.736	23.60 38.00	6732-31-3132
S6D108 D6×7150CC・108×130 SHOVEL－PC300	M417H	63-417-1 63-417-2	7 7	1～7 1～7	94.93 94.93	101.02 101.02	2.995 2.995	30.13 30.13	6221-21-8010
	R417H	64-417-1 64-417-2	6 6	1～6 1～6	69.93 69.93	74.02 74.02	2.005 2.005	33.13 33.13	6222-31-3040
	C417H	62-417-1	4	1～4	59.04	62.12	1.500	23.00	6221-21-1410
	T417H	65-417-1	3	7	—	—	2.525	—	6221-21-8050
	P417H	67-417-1	6	1～6	44.92	49.03	2.015	42.00	6221-31-3130
6D130 D6×12170CC・130.2×152.4 BULLDOZER -D50A16,D50P16 D50S16 D50PL16 D50F16,D57S1 SHOVEL－20HT1 MOTOR GRADER -GD31RC3A GD655A GD655R COMPRESSOR -EC105V1,VS1	M402H	63-402-1 63-402-2 63-402-3 63-402-4 63-402-5 63-402-6	3 3 3 3 1 1	1,3,5 1,3,5 2,4,6 2,4,6 7 7	114.27 114.27 114.27 114.27 114.27 114.27	120.65 120.65 120.65 120.65 120.65 120.65	3.130 3.130 3.130 3.130 3.130 3.130	54.00 54.00 41.10 41.10 59.00 59.00	6610-21-8010 6610-21-8070 6710-21-8000
	R402H	64-402-1	12	1～6	79.35	83.13	1.850	50.18	6610-31-3040 6610-31-3041 6610-31-3411
	T402P	65-402-1	4	7	—	—	6.270	—	6610-21-8051 6610-21-8050

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
CUMMINS D6×12170CC · 130.2×152.4 GNH220,NT262,H743 NT743,H743C,NTC743 NH200,NT0-6,NH220 NTO262,NH743,NT0280 NHE180,NTRO-6,NHE195 D6×11005CC · 130.2×152.4 H672,NHD180,N672,NH180 NH180,NHH195,NH195 NHH220,NH672 D6×14009CC · 130.2×152.4 NH230	M402H	63-402-1	3	1,3,5	114.27	120.65	3.130	54.00	6610-21-8010 6610-21-8070 6710-21-8000
		63-402-2	3	1,3,5	114.27	120.65	3.130	54.00	
		63-402-3	3	2,4,6	114.27	120.65	3.130	41.10	
		63-402-4	3	2,4,6	114.27	120.65	3.130	41.10	
		63-402-5	1	7	114.27	120.65	3.130	59.00	
		63-402-6	1	7	114.27	120.65	3.130	59.00	
	R402H	64-402-1	12	1~6	79.35	83.13	1.850	50.18	6610-31-3040 6610-31-3041 6610-31-3411
	T402P	65-402-1	4	7	—	—	6.270	—	6610-21-8051 6610-21-8050
CUMMINS D6×14140CC · 139.7×152.4 N855,NT855,NH250,NT400 NH855,NT420,NHC250 NTA370,NHC270,NTA380 NHD230,NTA400,NHE225 NTA420,NHF240,NTC240 NHF265,NTC270,NT270 NTC280,NT280,NTC290 NT300,NTC310,NT310 NTC335,NT335,NTC350 NT350,NTC855,NT380	M402H	63-402-1	3	1,3,5	114.27	120.65	3.130	54.00	6610-21-8010 6610-21-8070 6710-21-8000
		63-402-2	3	1,3,5	114.27	120.65	3.130	54.00	
		63-402-3	3	2,4,6	114.27	120.65	3.130	41.10	
		63-402-4	3	2,4,6	114.27	120.65	3.130	41.10	
		63-402-5	1	7	114.27	120.65	3.130	59.00	
		63-402-6	1	7	114.27	120.65	3.130	59.00	
	R406H	64-406-1	12	1~6	79.35	84.24	2.407	44.23	6710-31-3411 6710-31-3041
	T402P	65-402-1	4	7	—	—	6.270	—	6610-21-8051 6610-21-8050

KOMATSU

MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POS- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
A18A 1985~ G4×1829CC · 80×91 ACCORD -CA1 A20A 1985~ G4×1955CC · 82.7×91 ACCORD -CA5,6	M454H	63-454-1	10	1~5	49.98	54.02	1.999	20.00	13321~7-PD2-004 13321~7-PC6-003
	R454H	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004
B16A(DOHC) 1989~ G4×1595CC · 81×77.4 INTEGRA -DA6,8 CIVIC -EG2,6,9	M461H	63-461-1 63-461-2	5 5	1~5 1~5	54.98 54.98	59.02 59.02	1.998 1.998	20.00 20.00	13341~7-PR3-003 13341~7-PR3-004 13321~7-PR3-003 13321~7-PR3-004 13032~8-PR3-S10 13032~8-PR3-S20
	R462H	64-462-1	8	1~4	44.98	48.02	1.492	19.40	13211~7-PR3-S20 13211~7-PR3-004 13022-PR3-S20
	T468A	65-468-1	2	4	—	—	2.500	—	13331-PR3-004/3 13331-PR3-S10 13331-PR3-S20 13331-PR3-003 13331-PR3-004 13041-PR3-S20
B18 (SAUDI) 1988~ G4×1834CC · 81×89	M463H	63-463-1 63-463-2	5 5	1~5 1~5	54.98 54.98	59.02 59.02	1.998 1.998	20.00 20.00	13321~7-PR4-Y02 13341~7-PR4-Y02
	R463H	64-463-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-Y02
B18A(USA) 1990~93 G4×1834CC · 81×89 INTEGRA -DB1	M461H	63-461-1 63-461-2	5 5	1~5 1~5	54.98 54.98	59.02 59.02	1.998 1.998	20.00 20.00	13341~7-PR3-003 13341~7-PR3-004 13321~7-PR3-003 13321~7-PR3-004 13032~8-PR3-S10 13032~8-PR3-S20
	R454H	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003
	T468A	65-468-1	2	4	—	—	2.500	—	13331-PR3-004/3 13331-PR3-S10 13331-PR3-S20 13331-PR3-003 13331-PR3-004
B18A 1985~ G4×1834CC · 81×89 ACCORD -CA2 B20A 1985~ G4×1958CC · 81×95 PRELUDE -BA4,5	M458H	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PH6-003 13321~7-PH6-004 13321~7-PG6-003 13321~7-PG6-004 13321~7-PK1-7511
	R454H	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003 13211~7-PK1-751
	T458A	65-458-1	2	4	—	—	2.500	—	13331-PR3-S10/20 13331-PG6-003 13331-PG6-004

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
B20A (DOHC), B21A 1985~ G4×1958CC · 81×95 ACCORD -CA3 PRELUDE -BA5	M458H	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PH6-003 13321~7-PH6-004 13321~7-PG6-003 13321~7-PG6-004 13321~7-PK1-7511
	R458H	64-458-1	8	1~4	47.98	51.02	1.498	19.40	13211~7-PH3-003 13211~7-PH3-004
	T458A	65-458-1	2	4	—	—	2.500	—	13331-PR3-S10 13331-PR3-S20 13331-PG6-003 13331-PG6-004
C25A 1985~88 GV6×2493CC · 84×75 C27A 1985~90 GV6×2675CC · 87×75 LEGEND -KA3,4	M465H	63-465-1 63-465-2	4 4	1~4 1~4	63.98 63.98	68.02 68.02	1.996 1.996	20.00 20.00	13321~5-PL2-003 13321~5-PL2-004 13341~5-PL2-003 13341~5-PL2-004 13321~5-PH7-013 13321~5-PH7-014 13341~5-PH7-013 13341~5-PH7-014 13321~7-PH7-003 13321~7-PH7-004 13341~7-PH7-003 13341~7-PH7-004
	R465H	64-465-1	12	1~6	51.98	55.02	1.499	17.40	13211~5-PH7-013 13211~5-PH7-014
	T								13331-PH7-003 13331-PH7-004
D12A 1986~ G4×1237CC · 72×76 CITY -GA1 D13C 1988~ G4×1296CC · 73.7×76 CITY,CIVIC -GA2	M464A	63-464-1	10	1~5	42.98	47.02	2.001	20.00	13321~7-PJ7-003 13321~7-PJ7-004
	R464H	64-464-1	8	1~4	39.98	42.02	1.498	18.40	13211~7-PJ7-003 13211~7-PJ7-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13014-PD1-S10 13014-PD1-S20 13331-PD1-003 13331-PD1-004 13331-634-003 13331-634-004
D13A2 1987~88 G4×1343CC · 75×76 CIVIC D13B 1987~ G4×1343CC · 75×76 CIVIC	M453A	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13032~8-PE0-660 13321~7-PE0-661 13321~7-PE0-662 13032~8-PC0-S20 13321~7-PC0-014 13321~7-PC0-004
	R455H	64-455-1	8	1~4	39.98	43.02	1.498	18.40	13022~8-PE0-S10 13022~8-PE0-S20 13211~7-PE0-003 13211~7-PE0-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13014-PD1-S10 13014-PD1-S20 13331-PD1-003 13331-PD1-004

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
D15A, D15B, D15Z 1985~ G4×1493CC · 75×84.5 BALLADE -EF6 CIVIC -EF2	M453A	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13032~8-PE0-660 13321~7-PE0-661 13321~7-PE0-662 13032~8-PC0-S20 13321~7-PC0-014 13321~7-PC0-004
	R456H	64-456-1	8	1~4	41.98	45.02	1.498	18.40	13022~8-PE1-S10 13022~8-PE1-S20 13211~7-PE1-003 13211~7-PE1-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004 13331-D34-003 13331-D34-004
D16A1, B18A (U.S.A) 1985~ G4×1590CC · 75×90 BALLADE -AS110,120 CIVIC -AT110,120,EF3 INTEGRA -DA5,7 QUINT -AV110,120	M458H	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PM6-003 13321~7-PM6-004 13321~7-PG6-003 13321~7-PG6-004
	R460H	64-460-1	8	1~4	44.98	48.02	1.498	18.40	13211~7-PG6-003 13211~7-PG6-004
	T458A	65-458-1	2	4	—	—	2.500	—	13331-PG6-003 13331-PG6-004
E07A 1990~ G3×656CC · 66×64 TODAY LIFE ACTY	M472H	63-472-1	8	1~4	39.96	44.02	2.017	19.00	13322-PFD-004
	R472H	64-472-1	6	1~3	36.00	39.02	1.495	17.50	13217-PZI-004
	T472A	65-472-1	2	3	—	—	2.500	—	13331-679-003
EB1 1972~75 G4×1169CC · 30×76 CIVIC -SB1 EE 1975~78 G4×1238CC · 72×76 CIVIC -SC,SF	M451A	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-305 13321~7-634-306 13321~7-634-0031 13321~7-634-003 13321~7-634-004
	R452H	64-452-1	8	1~4	39.98	43.02	1.498	17.50	13211~7-PB9-003 13211~7-PB9-004 13211~7-PA5-003 13211~7-PA5-004 13211~7-PD1-003 13211~7-PD1-004 13211~7-634-003 13211~7-634-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004 13331-634-003 13331-634-004
EJ 1978~ G4×1355CC · 72×82 CIVIC -SP,SK,SS,SL,VE BALLADE -SS	M451A	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-305/6 13321~7-634-0031 13321~7-634-003/4
	R452H	64-452-1	8	1~4	39.98	43.02	1.498	17.50	13211~7-PB9-003/4 13211~7-PA5-003/4 13211~7-PD1-003/4 13211~7-634-003/4

HONDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EN 1978~ G4×1335CC · 72×82 CIVIC -VC	T451A1	65-451-1	2	4	—	—	2.500	—	13331-PD1-S10/20 13331-PD1-003/4 13331-634-003/4
EB5 1972~75 G4×1488CC · 74×86.5	M451A	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-305 13321~7-634-306 13321~7-634-0031 13321~7-634-003 13321~7-634-004
EC 1975~79 G4×1488CC · 74×86.5 CIVIC -SE,VBVAN	R451H	64-451-1	8	1~4	41.98	45.02	1.498	17.50	13211~7-642-003 13211~7-642-004 13211~7-PC1-003 13211~7-PC1-004 13211~7-PB2-003 13211~7-PB2-004
ED, 1, 2, 3, 4 1974~79 G4×1488CC · 74×86.5 CIVIC -SG,E-SG,B-SH B-SC,B-SF	T451A1	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004 13331-634-003 13331-634-004
EF 1976~78 G4×1599CC · 74×93 ACCORD -B-SJ									
EK 1978~ G4×1750CC · 74×94 ACCORD -E-SM PRELUDE -E-SN VIGOR -E-SZ									
EM 1979~ G4×1488CC · 74×86.5 CIVIC -E-SR,E-ST E-WD BALLADE -E-ST									
EP 1980~ G4×1601CC · 77×86 ACCORD -E-SY QUINT -E-SU									
ER 1981~85 G4×1231CC · 66×90 CIVIC -AA,VF	M453A R453H T451A1	63-453-1 64-453-1 65-451-1	10 8 2	1~5 1~4 4	44.98 36.98 —	49.02 40.02 —	2.001 1.498 2.500	20.00 17.50 —	13321~7-PC0-003 13321~7-PC0-004 13211~7-PC0-004 13331-PD1-003 13331-PD1-004

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
ER-T 1981~ G4×1231CC · 66×90 CIVIC -AA,VF	M453A	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13321~7-PD1-003 13321~7-PD1-004
	R452H	64-452-1	8	1~4	39.98	43.02	1.498	17.50	13211~7-PD1-003 13211~7-PD1-004
	T451A1	64-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004
ES, ET 1983~ G4×1829CC · 80×41 PRELUDE -E-AB ACCORD -A-AD	M454H	63-454-1	10	1~5	49.98	54.02	1.999	20.00	13321~7-PD2-003 13321~7-PD2-004 13321~7-PD6-003 13321~7-PD6-004
	R454H	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003 13211~7-PC6-004 13211~7-PK1-003
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004
EV 1983~87 G4×1342CC · 74×78 CIVIC -AG,AJ,AE BALLADE -AS,AE	M451A	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-003 13321~7-634-004
	R455H	64-455-1	8	1~4	39.98	43.02	1.498	18.40	13211~7-PE0-003 13211~7-PE0-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004
EV1 1983~87 G4×1342CC · 74×78 CIVIC	M453A	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13321~7-PE0-003 13321~7-PE0-004 13321~7-PE0-661 13321~7-PE0-662
	R								13211~7-PE0-661 13211~7-PE0-662
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004 13331-PD1-003 13331-PD1-004
EW 1983~ G4×1488CC · 74×86.5 CIVIC -E-AIC,AR,AJ AK	M451A	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-003 13321~7-634-004
	R456H	64-456-1	8	1~4	41.98	45.02	1.498	18.40	13211~7-PE1-003 13211~7-PE1-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004

HONDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EY 1983~ G4×1598CC · 80×79.5 CIVIC	M454H	63-454-1	10	1~5	49.98	54.02	1.999	20.00	13321~7-PC6-003 13321~7-PC6-004
	R								13211~7-PD4-003 13211~7-PD4-004
	T451A1	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004
F20A 1989~ G4×1997CC · 85×88 ACCORD PRELUDE -P12	M459H	63-459-1	10	1~5	49.98	54.02	2.001	20.00	13321-PT0-003 13321-PT0-004
	R458H	64-458-1	8	1~4	47.98	51.02	1.498	19.40	13211~7-PH3-003 13211~7-PH3-004
	T459A	65-459-1	2	4	—	—	2.500	—	13331-PT0-003 13331-PT0-004
F22B 1991~ G4×2156CC · 85×95 PRELUDE -P39 ACCORD -POB,POC									
F22B (VTEC) 1991~ G4×2156CC · 85×95 ACCORD -POA									
F18B 1991~ G4×1849CC · 85×81.5 ACCORD -POE	M459H	63-459-1	10	1~5	49.98	54.02	2.001	20.00	13321-PT0-003 13321-PT0-004
	R454H	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211-PC6-003
	T459A	65-459-1	2	4	—	—	2.500	—	13331-PT0-003 13331-PT0-004
F20B 1991~ G4×1997CC · 85×88 PRELUDE -P11 ASCOT -P50,52 ACCORD -POD									
G20A 1989~ G5×1996CC · 82×75.6 ASCOTT -PV3 ACCORD,INSPIRE-PIP	M467A	63-466-1	12	1~6	54.98	59.02	2.001	20.00	13321~7-PV1-003 13321~7-PV1-004 13321~5-PV1-014
	R	64-454-1	10	1~5	44.98	48.02	1.498	19.40	13211~7-PD2-004
	T459A	65-459-1	2	5	—	—	2.500	—	13331-PT0-003 13331-PT0-004
G25A 1992~ G5×2451CC · 85×86.4 ASCOTT -PV4 ACCORD,INSPIRE-PIR									
H22A (VTEC) 1990~ G4×2156CC · 87×91 PRELUDE -P13 ACCORD -POF,PON	M459H	63-459-1	10	1~5	49.98	54.02	2.001	20.00	13321~5-PT0-003 13321~5-PT0-004
	R459H (FOR H22A)	64-459-1	8	1~4	47.98	51.02	1.496	19.40	13211~7-P13-0042 13211~7-P13-0141
	R458H (FOR H23A)	64-458-1	8	1~4	47.98	51.02	1.498	19.40	13211~7-PH3-003 13211~7-PH3-004
	T459A	65-459-1	2	4	—	—	2.500	—	13331-PT0-003 13331-PT0-004
H23A 1990~ G4×2259CC · 87×95 ASCOT -CC5									

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
J30A 1997~ V6×2997CC · 86.0×86.0 ODYSSEY ACURA 3.0CL AVANCIER ACCORD V6	M473A	63-473-1	4	1~4	72.00	77.02	2.495	18.00	13326-RYE-A011 13346-RYE-A011 13215-P8F-A111
		63-473-2	4	1~4	72.00	77.02	2.495	18.00	
	R473H	64-473-1	12	1~4	54.99	58.02	1.499	14.50	
K20A 2000/10~ G4×1998CC · 86×86 CIVIC -EP3,FD2 STREAM -RN3/4 INTEGRA -DC5 STEP WGN -RF3/4/5/6 -RG1/2 ACCORD -CL7/8,CM1 EDIX -BE3/4	M469A	63-469-1	5	1~5	54.98	59.02	1.997	20.00	13321~6-PNA-003 13321~6-PNA-004 13341~6-PNA-003 13341~6-PNA-004
		63-469-2	5	1~5	54.98	59.02	1.997	20.00	
	R469H	64-469-1	8	1~4	44.98	48.02	1.495	15.50	
	T469A	65-469-1	2		—	—	2.500	—	13331-PNA-004 13331-PCX-003
K24A 2002/10~ G4×2354CC · 87×99 ELEMENT -YH2 STEP WGN -RF7/8,RG3/4 ODYSSEY -RB1/2/3/4 ACCORD -CL9,CM2/3 ACURA TSX -CL9 EDIX -BE8 CR-V -RE3/4	M469A	63-469-1	5	1~5	54.98	59.02	1.997	20.00	13321~6-PNA-003 13321~6-PNA-004 13341~6-PNA-003 13341~6-PNA-004
		63-469-2	5	1~5	54.98	59.02	1.997	20.00	
	R470H	64-470-1	8	1~4	47.98	50.02	1.492	15.50	
	T469A	65-469-1	2		—	—	2.500	—	13331-PNA-004 13331-PCX-003
L13A 2001-2007 G4×1339CC · 73×80 FIT -GD1,GD3 FIT ARIA -GD6,GD7 L15A 2001-2007 G4×1496CC · 73×89.4 FIT -GD3,GD4 FIT ARIA -GD8,GD9 MOBILIO -GB1 MOBILIOSPIKE-GK1 LDA 2001-2005 G4×1339CC · 73×80 CIVIC HYBRID-ES9	M468A	63-468-1	5	1~5	49.98	54.02	1.999	17.00	13328-PWA-004/3 13348-PWA-004/3
		63-468-2	5	1~5	49.98	54.02	1.999	17.00	
	R468A	64-468-1	8	1~8	39.98	43.02	1.495	13.50	13211-PWA-004/3 13331-PR3-004/3
	T468A	65-468-1	2	4	—	—	2.500	—	
R16A 2005~ L4×1595CC · 81×77.4 CIVIC -FD R18A 2006~ L4×1799CC · 81×87.3 CIVIC -EG1 STREAM -RN6,7	M457A	63-457-1	5	1~5	54.98	59.02	2.004	18.00	13321-RNA-A020 13341-RNA-A020
		63-457-2	5	1~5	54.98	59.02	2.004	18.00	
	R457A	64-457-1	8	1~4	44.98	48.02	1.497	14.90	13211-RNA-A020

HONDA

MODEL・YEAR NOS.OF CYL × CYL CAPACITY・BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
ZC 1984~ G4×1590CC・75×90 INTEGRA -E-AV CIVIC -E-AT,E-AU	M458H	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PG6-003 13321~7-PG6-004 13321~7-PM6-003 13321~7-PM6-004 13321~7-PH3-003 13321~7-PH3-004
	R460H	64-460-1	8	1~4	44.98	48.02	1.498	18.40	13211~7-PG6-003 13211~7-PG6-004
	T458A	65-458-1	2	4	—	—	2.500	—	13331-PG6-003 13331-PG6-004 13014-PG6-S10 13014-PG6-S20

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EA62 1970~73 G4×1267CC · 82×60 SUBARU -A15,13 EA63 1972~78 G4×1361CC · 85×60 LEONE -A22,32,62,64 EA64 1973~78 G4×1176CC · 79×60 LEONE -A25.65 EA71 1975~78 G4×1595CC · 92×60 LEONE -A25,65	M601H	63-601-1	4	1,3	49.96	54.02	2.010	21.13	88265-8830 88265-8823 88265-8810 88265-8610 88265-8640
		63-601-(2)	1	2	49.96	54.02	2.010	25.95	
		63-601-(3)	1	2	49.96	54.02	2.010	25.95	
EA63 1972~78 G4×1361CC · 85×60 LEONE -A22,32,62,64 EA64 1973~78 G4×1176CC · 79×60 LEONE -A25.65 EA71 1975~78 G4×1595CC · 92×60 LEONE -A25,65	R601H	64-601-1	8	1~4	44.99	48.02	1.485	13.50	38291-4300 88291-8800 38291-7900 88291-8610 88291-6100
EA63 1978~79 G4×1361CC · 85×60 LEONE -A62,64 EA64 1978~79 G4×1176CC · 79×60 LEONE -A25 EA65 1979~84 G4×1298CC · 83×60 LEONE -AF1,AM1 EA71 1978~ G4×1595CC · 92×60 LEONE -AB2,AE2,3 AM2,3	M604H	63-601-1	4	1,3	49.96	54.02	2.010	21.13	88265-8840
		63-601-(3)	2	2	49.96	54.02	2.010	25.95	
EA63 1978~79 G4×1361CC · 85×60 LEONE -A62,64 EA64 1978~79 G4×1176CC · 79×60 LEONE -A25 EA65 1979~84 G4×1298CC · 83×60 LEONE -AF1,AM1 EA71 1978~ G4×1595CC · 92×60 LEONE -AB2,AE2,3 AM2,3	R601H	64-601-1	8	1~4	44.99	48.02	1.485	13.50	38291-4300 88291-8800 38291-7900 88291-8610 88291-6100
EA81, EA81-T 1979~84 G4×1781CC · 92×68 LEONE -AB4,5 AM1,5 AF5,AJ5	M603A	63-603-1	4	1,3	54.96	59.02	2.020	21.13	48543-7000
		63-603-(2)	2	2	54.96	59.02	2.020	25.95	
EA81, EA81-T 1979~84 G4×1781CC · 92×68 LEONE -AB4,5 AM1,5 AF5,AJ5	R601H	64-601-1	8	1~4	44.99	48.02	1.485	13.50	38291-4300 88291-8800 38291-7900 88291-8610 88291-6100
EA82 1984~ G4×1781CC · 92×67 LEONE -AA5A44M AA5A46M AA7A46C AL5A44M	M603A	63-603-1	4	1,3	54.96	59.02	2.020	21.13	48543-7000
		63-603-(2)	2	2	54.96	59.02	2.020	25.95	
EA82 1984~ G4×1781CC · 92×67 LEONE -AA5A44M AA5A46M AA7A46C AL5A44M	R								12108-AA090 12108-AA040 12108-AA000

SUBARU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
EF10 1983~ G3×997CC · 78×69.6 JUSTY -KA5,6	M606H	63-602-1 63-602-(2)	6 2	1,3 2	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	48265-5600 48265-5500 48265-5400
	R606H	64-606-1	6	1~3	41.99	45.02	1.490	15.13	48291-5600
EF12 1985~ G3×1189CC · 78×83 JUSTY -KA7,8	M606H	63-602-1 63-602-(2)	6 2	1,3 2	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	48265-5600 48265-5500 48265-5400
	R607H	64-607-1	6	1~3	41.99	45.02	1.490	15.13	12108-KA110 12111-KA001 12111-KA000
EK21 1973~76 G2×358CC · 66×52.4 REX -K22,26,42	M602H	63-602-1 63-602-(2)	5 1	1~3 2	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	38265-2100
	R602H	64-602-1	4	1~4	37.99	41.02	1.490	14.00	48291-5400 38291-2100
EK22 1976~77 G2×990CC · 74×57 REX -KE43 EK23 1977~ G2×544CC · 76×60 REX -K24,44 SAMBAR -K75,76,85 (TRUCK) -K77,87 (DUMP) -PS751,752 EK42 1983~ G2×665CC · 78×69.9	M605H	63-602-1 63-602-(2)	4 2	1,2 3	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	48265-1000
	R602H	64-602-1	4	1~4	37.99	41.02	1.490	14.00	48291-5400 38291-2100

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POS- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
F5A (OLD) 1977~79 G3×543CC · 62×66 FRONTE -SS30 CARRY -ST30V	M652A	63-651-1	8	1~4	49.98	54.02	1.990	20.10	12300-76811
	R652A	64-651-1	6	1~3	37.98	41.02	1.490	18.10	12181-73010 12181-73002 12181-73001 12181-81051 12181-81050
	T651A	65-651-1	2	3	—	—	2.520	—	12300-73830
	P652H (UN FINISHED)	67-651-1S	3	1~3	15.99	18.02	1.180	22.00	12165-73000/NB
F5A, F5A-T 1978~ G3×543CC · 62×60 FRONTE -SS40 CARRY VAN -ST40	M653A	63-653-1	8	1~4	39.98	44.02	1.990	17.10	12300-78810~12 12341-78101 12341-73010
	R652A	64-651-1	6	1~3	37.98	41.02	1.490	18.10	12181-73010 12181-73002 12181-73001 12181-81051 12181-81050
	T653A	65-653-1	2	3	—	—	2.520	—	12300-78830
	P652H (UN FINISHED)	67-651-1S	3	1~3	15.99	18.02	1.180	22.00	12165-73000/NB
F5A 1981~ G3×543CC · 62×60 FRONTE -SS40 CARRY VAN -ST40,DA717 DB717 CERVO -SS40	M653A	63-653-1	8	1~4	39.98	44.02	1.990	17.10	12300-78810~12 12341-78101 12341-73010
	R653A	64-653-1	6	1~3	31.98	35.02	1.490	16.10	12181-78130 12181-78110 12181-78111
	T653A	65-653-1	2	3	—	—	2.520	—	12300-78830
F6A G3×657CC · 65×66	M658A	63-658-1	8	1~4	43.98	48.02	1.990	17.13	12300-61810-0A0 12341-60D00
	R658A	64-658-1	6	1~3	35.98	39.02	1.490	16.10	12181-81401 12181-81401-0A0
	T658A	65-658-1	2	3	—	—	2.520	—	12300-82820
F8A 1977~88 G4×797CC · 62×66 JIMNY -SJ120,80,410 ST20,80,90 ALTO -SS40,80 F10A 1982~91 G4×970CC · 65.5×72 ALTO -SS40 JIMNY -SJ40,40V,40T CERVO -SS40	M651A	63-651-1	10	1~5	49.98	54.02	1.990	20.10	12300-73810~12
	R651A	64-651-1	8	1~4	37.98	41.02	1.490	18.10	12181-81051 12181-81050 12181-73010 12181-73001 12181-73000
	T651A	65-651-1	2	3	—	—	2.520	—	12300-73830
	P651H (UN FINISHED)	67-651-1S	4	1~4	15.99	18.02	1.180	22.00	12165-73000/NB
	P659H	67-654-1	4	1~4	15.99	18.02	1.033	22.00	12165-73000

SUZUKI

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
F8B, Y64 [EXPORT] 1979~91 G3×796CC · 68.5×72 ALTO -SS80	M654A	63-654-1	8	1~4	49.98	54.02	1.990	17.10	12300-78860 12341-78110
	R652A	64-651-1	6	1~3	37.98	41.02	1.490	18.10	12181-78400
	T651A	65-651-1	2	3	—	—	2.520	—	12300-73830
	P652H (UN FINISHED)	67-651-1S	3	1~3	15.99	18.02	1.180	22.00	12165-73000/NB
	P654H	67-654-1	3	1~3	15.99	18.02	1.033	22.00	12165-73000
G10, G10-T 1984~ G3×993CC · 74×77 FRONTE -AA43S,AB43S	M655A	63-655-1 63-655-2	4 4	1~4 1~4	44.98 44.98	49.02 49.02	2.000 2.000	18.10 18.10	12300-82810 12340-82000
	R655A	64-655-1	6	1~3	41.98	45.02	1.490	18.10	12100-82810
	T655A	65-655-1	2	3	—	—	2.520	—	12300-82810/20
G13 1985~89 G4×1324CC · 74×77 CULTUS -AB53S,AA433	M656A	63-655-1 63-655-2	5 5	1~5 1~5	44.98 44.98	49.02 49.02	2.000 2.000	18.10 18.10	12340-82000 12340-82010
	R656A	64-655-1	8	1~4	41.98	45.02	1.490	18.10	12100-82810
	T655A	65-655-1	2	3	—	—	2.520	—	12300-82820 12351-82010
G13B (DOHC) 1984~ G4×1298CC · 74×75.5 CULTUS -AA33S,AB33S	M656A	63-655-1 63-655-2	5 5	1~5 1~5	44.98 44.98	49.02 49.02	2.000 2.000	18.10 18.10	12340-82000 12300-82810
	R								12100-86810
	T655A	65-655-1	2	3	—	—	2.520	—	12300-82820 12351-82010
G15, G16 1988~ G4×1590CC · 75×90 ESCUDO -TA01	M657A	63-657-1 63-657-2	5 5	1~5 1~5	51.98 51.98	56.02 56.02	2.000 2.000	18.10 18.10	12340-60A10
	R657A	64-657-1	8	1~4	43.98	47.02	1.490	18.10	12100-60830 12100-60820
	T657A	65-657-1	2	4	—	—	2.520	—	12300-60820
H20A 1955~ GV6×1998CC · 78.0×69.7 ESCUDO -TD11,TA11 GRANDVITARA	M662A	63-661-1 63-661-2	4 4	1~4 1~4	57.98 57.98	62.02 62.02	1.994 1.994	19.10 19.10	12340-85FB3
	R662A	64-661-1	12	1~6	49.98	53.02	1.485	16.10	12100-85824
	T661A	65-661-1	2	3	—	—	2.475	—	12300-85830

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
H25A 1997~ GV6×2493CC · 84.0×75.0 ESCUDO -TD61,TD62 GRANDVITARA H27A 2001~ GV6×2736CC · 88.0×75.0 ESCUDO -TX92,TD94 GRANDVITARA	M663A	63-663-1	4	1~4	64.98	70.02	2.500	19.10	12340-86FB0
		63-663-2	4	1~4	64.98	70.02	2.500	19.10	
	R662A	64-661-1	12	1~6	49.98	53.02	1.485	16.10	
	T661A	65-661-1	2	3	—	—	2.475	—	
J18A 1995~ G4×1839CC · 84.0×83.0 CULTUS -GC41 VITARA J20A 1997~ G4×1995CC · 84.0×90.0 ESCUDO -TA51,TD52,TL52 VITARA	M661A	63-661-1	5	1~5	57.98	62.02	1.994	19.10	12340-85FB3
		63-661-2	5	1~5	57.98	62.02	1.994	19.10	
	R661A	64-661-1	8	1~4	49.98	53.02	1.485	16.10	
	T661A	65-661-1	2	3	—	—	2.475	—	
K6A 1994~ G3×658CC · 68×60.4 WAGONR -MH22S MRWAGON -MF22S CERVO -HG21S LAPIN -HE21S KEI -HN22S ALTO -HA24S JIMNY -JB23W	M660A (AFTER'05)	63-660-1	4	1~4	44.98	49.02	2.003	18.10	12340-75F00
		63-660-2	4	1~4	44.98	49.02	2.003	18.10	
	R660A (AFTER'05)	64-660-1	6	1~3	37.98	41.02	1.490	16.10	
	T658A	65-658-1	2	—	—	—	2.520	—	

SUZUKI

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
M13A 2000～ G4×1328CC・78×69.5 SWIFT JIMNY WAGON R CHEVROLET MW	M664A	63-664-1	5	1～5	44.98	49.02	2.000	18.00	12340-69G00 12340-69GA0 12340-75F00 12340-75FA0
		63-664-2	5	1～5	44.98	49.02	2.000	18.00	
	R664A	64-664-1	8	1～4	41.98	45.02	1.493	16.00	
	T664A	65-664-1	2		—	—	2.520	—	
	C664A	62-664-1	1		26.98	30.02	1.518	27.50	12100-70880 12300-78890 12300-60850 12737-69GE1 12738-69GE1
			1		26.98	30.02	1.518	27.50	
		62-664-2							
M15A G4×1490CC・78×78 SWIFT AERIO SX4 M16A G4×1586CC・78×83 SWIFT ESCUDO SX4 AERIO M18A G4×1796CC・83×83 AERIO	M665A	63-665-1	5	1～5	51.98	56.02	2.000	18.00	12340-57K02 12100-69830 12300-78890 12300-60850
		63-665-2	5	1～5	51.98	56.02	2.000	18.00	
	R665A	64-665-1	8	1～4	41.98	45.02	1.490	18.00	
	T664A	65-664-1	2		—	—	2.520	—	
	C664A	62-664-1	1		26.98	30.02	1.518	27.50	12737-69GE1 12738-69GE1
			1		26.98	30.02	1.518	27.50	
		62-664-2							

KOREAN VEHICLES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
HYUNDAI D (D4EA) 2000/2~ 2002/3~ 2004/3~ 2005/10~ D4×1991cc(2188cc) TUCSON 2.0 TRAJET XG 2.0 SANTA FE	M3107A	63-3107-1	5	1~5	59.98	64.02	1.978	21.60	21020-27900~909 21020-27920~924
		63-3107-2	5	1~5	59.98	64.02	1.978	21.60	
	R3107H	64-3107-1	8	1~4	49.98	53.02	1.478	22.10	23060-27900~904 23060-27920~924
G4AJ(SOHC) 1986/1~1994/12 G4×1468CC · 75.50×82.00 EXCEL G4DJ 1990/1~ G4×1468CC · 75.50×82.00 EXCEL SCOUPE	M3101A	63-119-1	4	1,2,4,5	47.98	52.02	1.990	19.13	21020-2112 21020-2102
		63-119-2	4	1,2,4,5	47.98	52.02	1.990	19.13	
		63-119-(3)	2	3	47.98	52.02	1.990	23.95	
	R3101A	64-119-1	8	1~4	41.98	45.02	1.493	17.63	23060-2112 23060-2102
G4CN 16V DOHC 1992/1~1995/8 G4×1836CC · 81.5×88 LANTRA G4CP 16V DOHC 1994/1~1996/12 G4×1997CC · 85×88 SONATA G4CS EFI OHC 1989/1~1992/1 G4×2350CC · 86.5×100 SONATA	M3102A	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	21020-32830 21020-32884
		63-111-(2)	2	3	56.98	61.02	1.990	28.95	
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13	
	R3102A	64-111-1	8	1~4	44.98	48.02	1.493	23.60	23060-33030 23060-32030 23060-32034 23060-32134
ALPHA 2000/7~ G4×1495CC · 75.50×83.50 CLICK CAT ACCENT VERNA AVENTE AVENTE XD LAVITA ELANTRA CERATO 1.5,1.6 NEW PRIDE 1.4,1.6 G4EK 1994/1~ G4×1495CC · 75.50×83.50 ACCENT	M3105A	63-3105-1	4	1,2,4,5	49.98	54.02	2.010	18.10	21020-22100~140 21020-22200~240 21020-22541 21020-22952~56 21020-22960 21020-26200~240 21020-26300~340 21020-26640 21020-26961~63 21020-26971
		63-3105-2	4	1,2,4,5	49.98	54.02	2.010	18.10	
		63-3105-(3)	1	3	49.98	54.02	2.010	22.90	
		63-3105-(4)	1	3	49.98	54.02	2.010	22.90	
	R3105A	64-3105-1	8	1~4	44.98	48.02	1.510	19.10	23060-22700~740 23060-22952 23060-22953 23060-22960 23060-26200~240 23060-26961~63 23060-26971

KOREAN VEHICLES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
G4HC 1997~ G4×798CC G4×999CC ATOZ, ATOS	M3106A	63-3106-1	5	1~5	41.99	46.02	2.000	16.10	21020-02540
		63-3106-2	5	1~5	41.99	46.02	2.000	16.10	
	R3106A	64-3106-1	8	1~6	37.99	41.02	1.500	14.10	23060-02500
D4AK, D4AE D4AL, D4D 1986/11~ D4×3568CC H250, H350, MIGHTY2	M3103H	63-121-1	5	1~5	77.93	82.02	2.007	27.13	21020-45020 21020-41010
		63-117-2	5	1~5	77.93	82.02	2.007	27.13	
	R3103H	64-108-1	4	1~4	59.95	64.02	2.000	33.13	23060-41010
		64-121-2	4	1~4	59.95	64.02	2.000	33.13	
D4BH 1997~ D4×2665CC TERRACAN	M3003A	63-3003-1	6	1~5	70.00	74.09	2.008	27.13	21020-4X900
		63-3003-2	4	1~5	70.00	74.09	2.008	27.13	
	R3003A	64-3003-1	8	1~4	57.01	60.85	1.836	27.65	23060-4X900
	T3003A	65-3003-1	2	3	—	—	2.325	—	21030-4X900 006Y0-11SJ0
		65-3003-2	2	3	—	—	2.325	—	

ASIA CD800 JADE 3×796CC TOWNER	M3201A	63-255-1 63-277-2	4 4	1~4 1~4	41.98 41.98	46.02 46.02	1.990 1.990	19.50 19.50	A 100 11 353A S
DAEWOO E-TEC 2002~ G4×1598CC AVEO -T200	M3302A	63-3302-1 63-3302-(2)	8 2	1,2,4,5 3	54.97 54.97	59.02 59.02	1.988 1.990	19.20 25.90	93742705
	R3302A	64-3302-1	8	1~4	42.97	46.02	1.490	16.50	93742707
F8C G3×796CC TICO	M3301A R	65-658-1	8	1~4	43.98	48.02	1.990	17.13	12300-61810-0A0 12341-60D00
G15MF 1994~97 G4×1598CC CIELO NEXIA	M3302A	63-3302-1 63-3302-(2)	8 2	1,2,4,5 3	54.97 54.97	59.02 59.02	1.988 1.990	19.20 25.90	93742286
	R3302A	64-3302-1	8	8	42.97	46.02	1.490	16.50	93742277
S-TEC 1991~ G4×796CC, 996CC, 1150CC DAEWOO TICO/FINO ★ DAEWOO MATIZ/KALOS	M3501A	63-658-1	10	1~5	43.98	48.02	1.990	17.13	96659176
	R3501A	64-3501-1	8	1~4	37.98	41.02	1.490	18.10	96659184

KOREAN VEHICLES

MODEL・YEAR NOS.OF CYL × CYL CAPACITY・BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
KIA B3(K12H) 1993~ G4×1323CC・71×83.6 PRIDE	M3001A	63-317-1	5	1~5	49.94	54.02	2.010	17.50	KK1Y0-11-SG0
		36-317-2	5	1~5	49.94	54.02	2.010	17.50	
	R3001A	64-313-1	8	1~4	39.94	43.02	1.510	17.13	KK1Y0-11-SE0
	T3001A	65-317-1	2	4	—	—	2.550	—	KK1Y0-11-SJ0
HW D4×2209CC BESTA DIESEL	M3004A	63-316-1	8	1,2,4,5	59.94	64.02	2.007	19.13	0K7Y0-11-SG0
		63-316-2	2	3	59.94	64.02	2.007	21.13	
	R3004A	64-336-1	8	1~4	50.94	54.02	1.509	21.13	0K7Y0-11-SE0
J2 D4×2665CC PREGIO	M3003A	63-3003-1	6	1~5	70.00	74.09	2.008	27.13	0K6Z2-11-SG0
		63-3003-2	4	1~5	70.00	74.09	2.008	27.13	
	R3003A	64-3003-1	8	1~4	57.01	60.85	1.836	27.65	0K6Z1-11-SE0
	T3003A	65-3003-1	2	3	—	—	2.325	—	006Y0-11-SJ0
		65-3003-2	2	3	—	—	2.325	—	
J2 D4×2957CC PREGIO FRONTIER	M3003A	63-3003-1	6	1~5	70.00	74.09	2.008	27.13	0K6Z2-11-SG0
		63-3003-2	4	1~5	70.00	74.09	2.008	27.13	
	R3002A	64-3002-1	8	1~4	57.01	60.85	1.838	26.70	0VNY1-11-SE0
	T3003A	65-3003-1	2	3	—	—	2.325	—	006Y0-11-SJ0
		65-3003-2	2	3	—	—	2.325	—	
JED GV6×2954CC・90×77.4 POTENTIA	M3005A	63-328-1	4	1~4	61.94	66.02	2.012	18.13	0JFY0-11-SG0 0JFY0-11-SH0
		63-328-2	4	1~4	61.94	66.02	2.012	18.13	
	R3005A	64-328-1	12	1~6	52.94	56.02	1.511	17.03	0JFY0-11-SE0 0JFY0-11-SF0

KOREAN VEHICLES

MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

OTHERS

MODEL・YEAR NOS.OF CYL×CYL CAPACITY・BORE×STROKE CAR NAME－MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
VN(RFA) 1992～ D4×2662CC HI-BESTA	M3002A	63-3002-1	5	1～5	75.00	80.09	2.508	27.30	OVNY1-11-SG0
		63-3002-2	5	1～5	75.00	80.09	2.508	27.30	
	R3002A	64-3002-1	8	1～4	57.01	60.85	1.838	26.70	OVNY-11-SE0
PROTON S4PE 2004～ G4×1332CC・76×73.4 GEN-2 2006～ SECOND GENERATION S4PH 2004～ G4×1598CC・76×88 GEN-2 2006～ WAJA SECOND GENERATION 2007～ PERSONA	R4001A	64-4001-1	8	1～4	45.99	49.01	1.490	15.60	PW812191 PW811021
GM S-TEC 1991～ G4×796CC,996CC,1150CC CHEVROLET BEAT/SPARK CHEVROLET AVEO/SAIL★	M3501A	63-658-1	10	1～5	43.98	48.02	1.990	17.13	96659176
	R3501A	64-3501-1	8	1～4	37.98	41.02	1.490	18.10	96659184

OTHERS

MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

SET PACKAGES (TOYOTA)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
1E 1985~ G4×999CC · 70.5×64 2E 1985~ G4×1295CC · 73×77.4 STARLET -EP71 TERCEL -EL80 4E 1991~ G4×1331CC · 74×77.4 STARLET -EP82,85 TERCEL -EL41	SMR025A	63-025-1	5	1~5	46.99	51.04	1.999	16.10	11701-10012 11701-10011 11701-10010 13041-10020
		63-025-2	5	1~5	46.99	51.04	1.999	16.10	
		64-025-1	8	1~4	39.99	43.02	1.491	15.10	
2L-T 1988~ D4×2446CC · 92×92 HIACE -LH80,90 HILUX -LN85 3L 1988~ D4×2779CC · 96×96 TOYOACE -LY61 HILUX -LN107 5L D4×2985CC · 99.5×96.0 HILUX HIACE	SMR042A	63-037-1	5	1~5	61.99	66.02	1.983	27.60	11701-54081 11701-54080 11701-54061 11701-54060 13041-54042 13041-54041 13041-54040
		63-042-2	5	1~5	61.99	66.02	1.983	27.60	
		64-039-1	8	1~4	54.98	58.02	1.485	26.00	
12R 1971~85 G4×1587CC · 80.5×78 CORONA -RT69,87,91,106 HILUX -RN13,16,20,25 30,33,40,43 CRESSIDA-RT69 TOWNACE-RR10,11,20,21 TOYOACE -RY10,12,14 HIACE -RH10,13,16,24 30,40 (DAIHATSU) TAFTO -F20 DELTA -SV17	SMR016A	63-016-1	2	1	57.98	61.62	1.791	30.00	11702-31020 11702-31011 13202-31020 13202-31011 13202-31010
		63-016-2	2	2	57.98	61.62	1.791	34.00	
		63-016-3	2	3	57.98	61.62	1.791	40.00	
1RZ 1989~ G4X1988CC · 86X86 HIACE -RZH124 HILUX -RZN147 2RZ 1989~ G4×2438CC · 95×86 HIACE -RZH101	★ SMR703A	63-703-1	2	1, 5	59.99	64.02	1.990	25.10	11701-75022 11701-75021 11071-75021 11701-75020 11701-75010 13041-75010
		63-703-2	2	1, 5	59.99	64.02	1.990	25.10	
		63-703-3	3	2~4	59.99	64.02	1.990	23.10	
		63-703-4	3	2~4	59.99	64.02	1.990	23.10	
		64-703-1	8	1~4	52.99	56.02	1.485	19.80	

SET PACKAGES (TOYOTA)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
Y 1983~ G4×1626CC・86×70 LITEACE -YM20,25 TOWNACE -YM25,26	SMR041A	63-041-1	5	1~5	57.99	62.02	1.990	20.93	11701-71020 11701-76013 13041-71021 13041-71020
		63-041-2	5	1~5	57.99	62.02	1.990	20.93	
		64-041-1	8	1~4	47.99	51.02	1.490	19.90	
2Y 1983~ G4×1812CC・86×78 LITEACE -YM55,60 CRESSIDA-YX76									
3Y 1983~ G4×1998CC・86×86 HILUX -YN60									
4Y 1989~ G4×2237CC・91×86 HILUX -YN60,63									

SET PACKAGES (MITSUBISHI)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4G13 1988~ G4×1298CC · 71×82 MIRAGE -D51,61 4G15 1987~97 G4×1468CC · 75.5×82 MIRAGE -C52,62,72 LANCER -C62,72	SMR119A	63-119-1	4	1,2,4,5	47.98	52.02	1.990	19.13	MD147999 MD030126 MD030573 MD143090
		63-119-2	4	1,2,4,5	47.98	52.02	1.990	19.13	
		63-119-(3)	2	3	47.98	52.02	1.990	23.95	
		64-130-1 (AFTER '88)	8	1~4	41.98	45.02	1.493	15.60	
4G51 1973~77 G4×1855CC · 81×90 GALANT -A114,122 4G52 1973~78 G4×1995CC · 84×90 GALANT -A57,115,123 CANTER -T206,214,216 JEEP -J53,58 FORKLIFT -FG25.20 4G53 1973~78 G4×2384CC · 88×98 CANTER -T205,207,215 ROSA -B207,217 JEEP -J26,38,46,56 FORKLIFT -FG30 G52B 1977~78 G4×1995CC · 84×90 GALANT -A133 JEEP -J59	SMR113A	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	MD050360 MD026445 MD020381 MD026430 MD024856 MD050365 MD153622
		63-113-(2)	2	3	65.98	70.02	1.990	30.95	
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13	
		64-113-1	8	1~4	52.98	56.02	1.493	25.13	
4G63 1992~97 G4×1997CC · 85×88 ECLIPSE -D22 CHARIOT -N33 RVR -N23 4G64 1995~97 G4×2350CC · 86.5×100	SMR136A	63-136-1	4	1,2,4,5	56.98	61.02	1.990	20.63	MD327493~7 MD195906~10 MD327503~05 MD195939~41 MD195936~38
		63-136-2	4	1,2,4,5	56.98	61.02	1.990	20.63	
		63-136-(3)	2	3	56.98	61.02	1.990	25.45	
		64-136-1	8	1~4	44.98	48.02	1.490	21.23	

SET PACKAGES (MITSUBISHI FUSO)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
4D30 1982~86 D4×3298CC · 100×105 CANTER -FE101,111,121 211,221,321 421 ROSA -BE201,211 4D31, 4D31-T 1982~88 D4×3298CC · 100×105 CANTER -FE114,134,214 224,234,434 ROSA -BH214 4D32 1985~88 D4×3567CC · 104×105 CANTER -FE305,315,325 335,425,445 465 -FG335,435 ROSA -BE435	SMR121H	63-121-1	5	1~5	77.93	82.02	2.007	27.13	ME999384
		63-117-2	5	1~5	77.93	82.02	2.007	27.13	
		64-108-1	4	1~4	59.95	64.02	2.000	33.13	ME999250 ME999654 ME012205
		64-121-2 (WITH HOLE)	4	1~4	59.95	64.02	2.000	33.13	

SET PACKAGES (MAZDA)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
F6 (626) 1982~87 G4×1587CC · 81×77 CAPELLA -GC6P	SMR315A	63-315-1	9	1~5	59.94	64.02	2.007	19.13	F801-23-251 FE30-23-151 F801-23-105
		63-315-(2)	1	3	59.94	64.02	2.007	27.99	
		64-336-1	8	1~4	50.94	54.02	1.509	21.13	
F8 (626) 1982~87 G4×1789CC · 86×77 CAPELLA -GC8P,GC8J BONGO -SR89V									
FE 1983~87 G4×1998CC · 86×86 CAPELLA -GCEP BONGO -SREAV,SDEAT COSMO -HBES LUCE -HBEP									

SET PACKAGES

MODEL • YEAR NOS.OF CYL × CYL CAPACITY • BORE × STROKE CAR NAME – MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

Discrimination List for Piston Pin Bushing

MAKER	ENGINE MODEL	Finished Type	Unfinished Type	MAKER	ENGINE MODEL	Finished Type	Unfinished Type
TOYOTA	3R	P001H-STD		MITSUBISHI FUSO	6DC,8DC	P107H-STD	
	K,2K,3K	P002H-STD	P002HS-STD		4DR5	P109H-STD	
	12R	P003H-STD	P003HS-STD		6DR5	P110H-STD	
	3P 4P	P004H-STD			6D10,6D11	P112H-STD	
	M	P005H-STD			6DC,8DC	P114H-STD	
	18R,21R,22R	P010H-STD	P010HS-STD		4D30	P117H-STD	P117HS-STD
	5R	P012H-STD	P012HS-STD		4D30	P121H-STD	P121HS-STD
	2H	P015H-STD	P015HS-STD		4D33,34,34-T	P122H-STD	
	1G	P021H-STD			8DC9,8DC90	P124H-STD	
	13B	P028H-STD	P028HS-STD		8DG2	P125H-STD	
	2D	P030H-STD		ISUZU	DA120	P154H-STD	
	D	P030P-STD			C220(OLD)	P157H-STD	
	J	P032H-STD	P032HS-STD		C190	P160H-STD	P160HS-STD
	H	P034H-STD	P034HS-STD		DA220	P164H-STD	
	B,2B	P035H-STD	P035HS-STD		DH100	P166H-STD	
	3L	P037H-STD	P037HS-STD		E120	P167H-STD	
	1C,2C(~ '85)	P038H-STD	P038HS-STD		4BB1,4BG2,4BD1	P168H-STD	P168HS-STD
	2L-T(~ '88)	P039H-STD	P039HS-STD		D500	P169H-STD	
	3B	P040H-STD	P040HS-STD		4BA1	P170H-STD	
	L,2L(NEW)	P042H-STD	P042HS-STD		G130	P171H-STD	
	4A	P043H-STD			6BB1	P173H-STD	P173HS-STD
	3F	P044H-STD	P044HS-STD		4AF1	P176H-STD	
	1C,2C('85 ~)	P045H-STD	P045HS-STD		4BA1	P177H-STD	
	1N	P046H-STD			10PA1	P179H-STD	
	1G-E	P047H-STD			4JA1,4JB1	P184H-STD	P184H1S-STD
	14B	P048H-STD	P048HS-STD		4JG2	P185H-STD	P185HS-STD
	12H-T	P049H-STD			6SA1	P186H-STD	
	1JZ,2JZ	P702H-STD			4EC1	P187H-STD	
	1RZ	P703H-STD			4HF1	P801H-STD	
	3VZ-FE	P704H-STD			4HE1-T,4HK1	P808H-STD	
	1PZ	P706H-STD	P706HS-STD	HINO	DM100	P202H-STD	
	1HZ	P707H-STD	P707HS-STD		EC100	P205H-STD	
	1FZ-FE	P708H-STD			EH700	P208H1-STD	
	1HD-T	P709H-STD	P709HS-STD		EF700	P210H-STD	
	3S-FE	P710H-STD			EM100	P215H-STD	
	1DZ	P713H-STD			EP100	P222H-STD	
	1KZ	P720H-STD			W04D	P216H-STD	
	1Z	P721H-STD			W06D	P217H-STD	
	11Z	P722H-STD			P11C	P227H-STD	
				DAIHATSU	DG	P275H1-STD	
					DL	P276H-STD	P276HS-STD
NISSAN	H20	P052H-STD	P052HS-STD	MAZDA	PB	P303H-STD	
	LD20	P054H-STD			NA	P304H-STD	P304HS-STD
	YD22,25	P1050H-STD	P1050HS-STD		HA('80 ~),MA	P312H-STD	P312HS-STD
	QR20,25	P1052H-STD	P1052HS-STD		S2		P314H-STD
					SL	P318H-STD	P318HS-STD
NISSAN DIESEL	RD8	P063H-STD			HA(~ '80)	P319H-STD	P319HS-STD
	RD10	P064H-STD			ZB	P320H-STD	P320HS-STD
	ND6,FE6,NE6	P067H-STD			PN	P324H-STD	
	PD6.PE6	P076H-STD			R2 RF	P336H-STD	P316H-STD
	SD20(~ '80)	P080H-STD	P080HS-STD	KOMATSU	4D120-15	P401H-STD	
	SD33	P081H-STD	P081HS-STD		4D92	P403H-STD	
	SD20	P085H-STD	P085HS-STD		4D105	P404H-STD	
	TD23,25,27	P087H1-STD	P087HS-STD		6D105	P405H-STD	
	TD42	P096H1-STD	P096HS-STD		4D95	P408H-STD	
					6D95	P409H-STD	
					4D94E	P412H-STD	
					SAA6D102E,SAA6D107E	P420H-STD	
MITSUBISHI	4G41	P103H-STD		SUZUKI	F5A		P652H-STD
	4D55,4D56		P113H-STD		Y64	P654H-STD	P652H-STD
	S4K,S6K	P131H-STD			F8A,F10A	P659H-STD	P651H-STD
	4M40	P133H-STD					

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
A401H			○							
B111A	MI	4G30, 4G31, 4G32, 4G33, 4G35, 4G36, 4G37, G31B, G32B, G33B, G37B	○							
B113A	MI	4D55, D56, G52B, 4G52, 4G53, G54B, 4G54	○	○	○	○				
B133A	MI	4M40	○							
B255A	DA	AB10, AB20, AB30, AB31, AB35, AB40, AB50, AB51, AB55, AD	○		○	○				
B256A	DA	CB10, CB12, CB22, CB23, CB33, CB36, CB37, CB41, CB50-T, CL10, CL50-T, CL70-T	○		○	○				
B724A	TO	2AZ	○							
C001L	TO	3R, 5R	○	○	○					
C002L	TO	K(White type)	○	○	○	○				
C002L1	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○	○	○	○				
C003L	TO	12R	○	○	○	○				
C004L	TO	3P, 4P	○	○	○					
C009L	TO	M, 2M, 4M, 16R, 16R-U, 18R, 18R-G, 18R-U, 19R, 21R	○	○	○					
C012L	TO	5R	○	○	○					
C018L	TO	T, 2T, 2T-G, 3T, 12T, 13T	○	○	○					
C028L	TO	B, 3B, 11B, 13B, 13B-T, 14B-T	○	○	○					
C030L	TO	2D	○		○	○				
C030P	TO	D, 2D	○							
C031A	TO	3F	○	○	○	○				
C031L	TO	F, 2F	○	○	○	○	○	○		
C032L	TO	H, 2H, J, 2J	○	○	○					
C032L1	TO	2J, 5P	○	○	○					
C034A	TO	2H, 12H-T	○	○	○					
C035L	TO	B, 2B, 3B	○	○	○					
C037A	TO	L, 2L, 2L-T	○	○	○	○				
C040L	TO	B, 3B, 11B, 13B, 13B-T	○	○	○					
C041A	TO	1Y, 2Y, 3Y, 4Y	○	○	○					
C042A	TO	L, 2L, 2L-T, 3L('88 ~), 5L	○	○	○					
C048L	TO	B, 3B, 13B-T, 14B, 14B-T, 15B	○	○	○					
C051L	NI	J13, J15(E20), J16(E20), J18, J	○	○	○	○				
C052L	NI	H20, U20	○	○	○					
C060L	NI	A10, A12, A13, A14(140A, 140J), A15(150Y)	○	○	○					
C072L	NI	P, P40, PF, PF40	○	○	○					
C081L	ND	SD33, SD33-T	○	○	○					
C087A	ND	TD23, TD25, TD27	○	○	○					
C109L	MF	4DR5, 4DR50, 4DR51, 4DR52	○	○	○					
C110L	MF	6DR5, 6DR50	○	○	○					
C115H	MF	6D21	○	○	○					
C117L	MF	4D30	○	○	○					
C129A	MF	6D14, 6D15	○							
C131L	MI	S4K	○							
C132L	MI	S6K	○							
C153L	IS	C221	○	○	○					
C155A	IS	DA120, DA640, DA640PN, DA640PP, DA640PR, DA640PT, GD150, GD150F	○							
C156A	IS	DH100, DH100H, DH100-T	○							
C157L	IS	C220, DL201	○	○	○					
C160L1	IS	C190, C223, C223-T, C240, G201	○	○	○	○				
C168L	IS	4BA1, 4BB1, C330	○	○	○	○				
C171L	IS	G130, G150, G160(OHV), G161(OHV)	○	○	○					
C172L	IS	G161(OHC), G161W, G180S, G180W, G200W	○							

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
C173L	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, D500	○	○	○	○				
C176L	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FD1, 4FE1, 4FE1-T, 4FG1	○	○	○					
C177L	IS	4BA1, 4BG1, C330	○	○	○	○				
C179A	IS	8PA1, 10PA1, 8PB1, 8PB1-T, 10PB1, 10PB1-T, 8PC1, 8PC1-T	○							
C180A	IS	10PC1	○							
C184A1	IS	4JA1, 4JB1, 4JB1-T, 4JC1, 4JD1	○	○	○	○				
C188A	IS	6QA1, 6QB1, 6RA1, 6RB1	○							
C196A	IS	12PA1, 12PB1, 12PB1-T	○							
C197A	IS	12PC1	○							
C202L	HI	DM100, DQ100	○	○	○					
C205L	HI	EC100, EH100, EH300	○	○	○					
C208A	HI	EH700	○	○	○					
C214A	HI	EK100, K13C	○							
C215A	HI	EM100	○	○	○					
C216L	HI	W04D, W04DT	○	○	○					
C217L	HI	W06D, W06D-T, W06E	○	○	○					
C218A	HI	EH700, H07C	○	○	○					
C220A	HI	J08C	○	○	○					
C224A	HI	H07C	○	○	○					
C276A	DA	DG, DL, DL-T	○	○	○	○				
C304L	MA	MA, NA, UB, VB, VC	○	○	○	○				
C404H	KO	S4D105-5, 4D105-5	○	○	○					
C405H	KO	SA6D110-T, S6D105-1, 6D105-T	○	○	○					
C408H	KO	4D95L, 4D95S	○	○	○					
C409H	KO	6D95L	○	○	○					
C417H	KO	S6D108	○	○	○					
C420A	KO	SAA6D107E	○	○	○					
C421A	KO	SAA6D102E	○	○	○					
C664A	SZ	M13A, M15A, M16A, M18A	○							
C706A	TO	1HD-T, 1HZ, 1PZ	○							
C709A	TO	1HD-FT	○							
C713A	TO	1DZ	○	○	○					
C719A	TO	1Z	○	○	○					
C721A	TO	1Z	○	○	○					
C722A	TO	11Z	○	○	○					
C724A	TO	1AZ, 2AZ	○							
C734A	TO	1ZR-FE, 2ZR-FE	○							
C801A	IS	4HF1	○	○	○					
C803H	IS	6HK, 6HE1-T	○	○	○					
C804A	IS	4HG1	○	○	○					
C903H	MF	6D31	○	○	○					
M001H	TO	3R, 5R	○		○	○	○	○		
M002A	TO	K, 3K, 3K-J, 3K-U, 4K	○		○	○	○	○	○	○
M004H	TO	3P, 4P	○		○	○	○	○		
M005H	TO	M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-GEU, 6M	○		○	○	○	○	○	○
M008H	TO	M, 5M-G, 6M-G, 7M-G	○		○	○	○	○		
M009H	TO	16R, 16R-U, 18R, 18R-GEU, 18R-GU, 18R-U	○		○	○	○	○		
M010H	TO	16R, 18R, 18R-G, 19R	○		○	○	○	○		
M011H	TO	20R, 21R, 22R	○		○	○	○	○		
M012H	TO	5R	○		○	○	○	○	○	○
M016H	TO	12R	○		○	○	○	○	○	○
M018H	TO	T, 2T, 2T-G	○		○	○	○	○		

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M019H	TO	T, 2T, 2T-G, 3T, 3T-G, 12T, 13T	○		○	○	○	○	○	○
M020H	TO	22R	○		○	○	○	○	○	○
M021A	TO	1G-E, 1G-G, 1G-GT	○		○	○	○	○		
M022A	TO	1A, 2A, 3A, 4A	○		○	○	○	○		
M023A	TO	5R	○		○	○	○	○	○	○
M024A	TO	1S, 2S, 3S-FE, 3S-E, 5S-FE	○		○	○	○	○		
M025A	TO	1E, 2E, 4E	○		○	○	○	○		
M026A	TO	2K, 3K, 4K, 5K, 7K	○		○	○	○	○	○	○
M027A1	TO	3E, 5E	○		○	○	○	○		
M029H	TO	1VZ-FE, 2VZ-FE, 3VZ-FE, 4VZ-FE	○		○	○	○	○		
M030H	TO	D, 2D	○		○	○	○	○		
M031A	TO	F	○		○	○	○	○	○	○
M032A	TO	2J, 5P, J	○		○	○	○	○		
M034A	TO	H, 2H, 12H-T	○		○	○	○	○		
M035A	TO	B, 2B, 3B	○		○	○	○	○		
M036A	TO	F, 2F	○		○	○	○	○	○	○
M037A	TO	L, 2L	○		○	○	○	○	○	○
M038A	TO	1C, 1C-T, 2C	○		○	○	○	○		
M039A	TO	2L, 2L-T	○		○	○	○	○	○	○
M040A	TO	B, 3B, 11B, 13B, 13B-T, 14B, 14B-T, 15B	○		○	○	○	○		
M041A	TO	1Y, 2Y, 3Y, 4Y	○		○	○	○	○	○	○
M042A1	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○
M043A	TO	2A, 3A, 4A, 4A-GE, 4A-GZE, 5A, 5A-FE, 7A-FE	○		○	○	○	○		
M044A	TO	3F	○		○	○	○	○	○	○
M045A	TO	1C, 2C	○		○	○	○	○		
M046A	TO	1N, 1N-T	○		○	○	○	○		
M047A	TO	1G-E, 1G-FE	○		○	○	○	○		
M051H	NI	J	○		○	○	○	○		
M053H1	NI	H20, U20	○		○	○	○	○	○	○
M054H	NI	L13, L14, L16, Z16, L18, Z18	○		○	○	○	○	○	○
M055H	NI	D11, D12	○		○	○	○	○		
M057H	NI	L20, L20A, L20E, L24, L26, L28, LD28	○		○	○	○	○	○	○
M058H	NI	H30	○		○	○	○	○		
M059H	NI	J15, J16, J18, L13	○		○	○	○	○	○	○
M060H	NI	A12, A13, A14, A15	○		○	○	○	○		
M061H	NI	A10	○		○	○	○	○		
M062H	ND	ED30, ED304	○		○	○	○	○		
M063H1	ND	RD8, RD8-T	○		○	○	○	○		
M064H1	ND	RD10, RD10-T	○		○	○	○	○		
M065H1	ND	ED6, FD6, FD6-T	○		○	○	○	○		
M066H2	NI	L20B, LD20, LD20T, Z20, Z22, Z24, Z20E	○		○	○	○	○		
M067H1	ND	ND6, ND604, NDT04, NE6, NE604, NET064	○		○	○	○	○		
M068H	NI	E10, E13, E15, E15E, E16	○		○	○	○	○		
M069H1	NI	LD20('83 ~)	○		○	○	○	○		
M070A	NI	NA20	○		○	○	○	○		
M071H	NI	G16, G18, G20	○		○	○	○	○		
M072H	NI	P, PF	○		○	○	○	○		
M073H1	NI	P40, PF40	○		○	○	○	○		
M074A	NI	TB42	○		○	○	○	○		
M076H1	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○		○	○	○	○		
M080H2	ND	SD20, SD22	○		○	○	○	○		
M081H2	ND	SD33, SD33-T	○		○	○	○	○		
M082H	ND	ED33, ED33-T, FD33, FD33-T, FD35, FD35-T	○		○	○	○	○		
M083H	NI	CA16, CA18, CA20, CD17	○		○	○	○	○		

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M084H1	NI	KA24	○		○	○	○	○		
M085H	ND	SD20, SD22, SD23, SD25	○		○	○	○	○		
M087H	ND	BD30, TD23, TD25, TD27	○		○	○	○	○		
M088H	NI	VG30E, VE33E	○		○	○	○	○		
M090H1	ND	RE8, RE8-T	○		○	○	○	○		
M091H1	ND	RD10, RD10-T, RE10	○		○	○	○	○		
M092H	ND	FE6, FE6-T	○		○	○	○	○		
M093A	NI	MA9, MA10, MA10ET, MA10S	○		○	○	○	○		
M094A	NI	GA13, GA14, GA15, GA16	○		○	○	○	○		
M095A	NI	CD17, CD20	○		○	○	○	○		
M096H	ND	TD42	○		○	○	○	○		
M097A	NI	RD28, RD28-T	○		○	○	○	○		
M098H	NI	SR18, SR20	○		○	○	○	○		
M099H	NI	VQ20, VQ25, VQ30, VQ35	○		○	○	○	○		
M103H	MI	4G41, 4G42, KE43, KE44, KE46	○		○	○	○	○	○	○
M106H	MF	6BD10, 6DB1	○		○	○	○	○		
M107H2	MF	8DC7, 8DC8, 8DC70, 8DC80	○		○	○	○	○		
M108H3	MF	6DS1	○		○	○	○	○		
M109H	MF	4DR5, 4DR6-T, 4DR7, 4DR50, 4DR51, 4DR52	○		○	○	○	○	○	○
M110H	MF	6DR5, 6DR50	○		○	○	○	○		
M111A2	MI	4D65, 4D65T, G31B, G32B, G33B, G37B, G62B, G63B, G64, 4G30, 4G31, 4G32, 4G33, 4G35, 4G36, 4G37, 4G62, 4G63, 4G64	○		○	○	○	○	○	○
M112H2	MF	6D10, 6D11, 6D14, 6D14-T, 6D15, 6D15-T, 6D16	○		○	○	○	○		
M113A3	MI	4D55, 4D56, 4G51, 4G51B, 4G52, 4G52B, 4G53, 4G54	○		○	○	○	○	○	○
M115H	MF	6D20, 6D21, 6D22, 6D22-T, 6D23, 6D22A	○		○	○	○	○		
M116H	MF	4DQ3, 4DQ3-T, 4DQ5, 4DQ11, 4DQ50	○		○	○	○	○		
M117H1	MF	4D30	○		○	○	○	○		
M118A1	MI	4G52, 4G52B, 4G53, 4G54, 4G54B	○		○	○	○	○		
M119A	MI	G11B, G12B, G13B, G15B, 4G11, 4G12, 4G13, 4G15	○		○	○	○	○		
M120A	MI	G23B, 2G25	○		○	○	○	○		
M121H	MF	4D30, 4D31, 4D31-T, 4D32, 4D33, 4D34, 4D34-T	○		○	○	○	○		
M123A1	MI	6G71, 6G72	○		○	○	○	○		
M127A	MI	3G81, 3G82, 3G83	○		○	○	○	○		
M132H	MF	6D31, 6D31-T	○		○	○	○	○		
M133H	MI	4M40, 4M41	○		○	○	○	○		
M135A	MI	4G91, 4G92, 4G93	○		○	○	○	○		
M136A	MI	4G63	○		○	○	○	○		
M137H	MI	4D68	○		○	○	○	○		
M138H	MI	6G74	○		○	○	○	○		
M139A	MI	4G63(NEW)	○		○	○	○	○		
M140A	MI	4D56	○		○	○	○	○	○	○
M141A	MI	4D55, 4D56, 4G51, 4G51B, 4G52, 4G52B, 4G53, 4G54			○	○	○	○	○	○
M142A	MI	6A12	○		○	○	○	○		
M144H	MF	4M50-T, 4M51	○		○	○	○	○		
M146H	MF	6D16, 6D16-T, 6D17, 6M60-T, 6M61	○		○	○	○	○		
M151H	IS	DA640PN, DA640PR, DA640-T	○		○	○	○	○		
M152H1	IS	G201	○		○	○	○	○		
M153H1	IS	C190(~ '83)	○		○	○	○	○	○	○
M154H	IS	DA120(~ '65), DA640	○		○	○	○	○		
M155H	IS	DA120, DA640('66 ~), DA640PP, DA640PT, GD150	○		○	○	○	○	○	○
M156H2	IS	DH100(~ '66)	○		○	○	○	○		

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M159H	IS	C220, DL201	○		○	○	○	○		
M160H2	IS	C221, C240	○		○	○	○	○	○	○
M163H2	IS	D920, DH100(~ '82), DH100-T, E110	○		○	○	○	○		
M164H	IS	DA220(OLD)	○		○	○	○	○		
M165H2	IS	DA220	○		○	○	○	○		
M167H2	IS	E120, E120-T	○		○	○	○	○		
M168H	IS	4BA1, 4BB1(~ '82), C330	○		○	○	○	○		
M169H	IS	6BB1, D500	○		○	○	○	○		
M171H	IS	G130, G150, G160, G161, G161W, G161Z, G180S, G180W, G181Z, G200W, G200Z	○		○	○	○	○	○	○
M172A	IS	G200W, G200Z, 4ZA1, 4ZB1, 4ZB1-T, 4ZC1, 4ZC1-T, 4ZD1	○		○	○	○	○		
M173H1	IS	6BB1, 6BD1	○		○	○	○	○		
M174H	IS	2AA1, 2AB1	○		○	○	○	○		
M175H	IS	3AA1, 3AB1, 3AD1, 3AD1-T	○		○	○	○	○		
M176A	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FC1-T, 4FD1, 4FE1, 4FE1-T, 4FG1	○		○	○	○	○		
M177H1	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BE1, 4BE2	○		○	○	○	○	○	○
M178H	IS	4BD1	○		○	○	○	○		
M181A	IS	4XC1, 4XC1-T	○		○	○	○	○		
M182H1	IS	6BB1, 6BD1('80 ~), 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, 6BB1, 6BD1, 6BD1-T('79-'80/4)	○		○	○	○	○		
M183H	IS	C190, C223, C223-T	○		○	○	○	○	○	○
M184A1	IS	4JA1, 4JC1, 4JD1, 4JE1, 4JF1	○		○	○	○	○	○	○
M185A	IS	4JB1, 4JB1-T	○		○	○	○	○		
M186H	IS	6SA1, 6SA1-T, 6SD1, 6SD1-T	○		○	○	○	○		
M187A	IS	4EC1	○		○	○	○	○		
M188H	IS	DH100, 6QA1, 6QA2	○		○	○	○	○		
M190H1	IS	4BD1, 4BD1-T, 4BG1	○		○	○	○	○		
M191A	IS	4XE1	○		○	○	○	○		
M192A	IS	2KA1, 2KB1, 2KC1	○		○	○	○	○		
M193A	IS	3KA1, 3KB1, 3KC1	○		○	○	○	○		
M194A	IS	4EC1-T, NAV1	○		○	○	○	○		
M195H	IS	6RA1, 6RB1	○		○	○	○	○		
M197A	IS	4ZE1	○		○	○	○	○		
M199A	IS	3LA1, 3LB1	○		○	○	○	○		
M201H	HI	DS50, DS60, DS70, DS80	○		○	○	○	○	○	○
M202H	HI	DM100, DQ100	○		○	○	○	○		
M204H1	HI	EB100, EB200, EB300, EB400	○		○	○	○	○		
M205H	HI	EC100	○		○	○	○	○		
M208H1	HI	EH100, EH300, EH500, EH700	○		○	○	○	○		
M210H1	HI	EF100, EF100-T, EF300, EG100	○		○	○	○	○		
M211H	HI	DK10, DK10A, DK10T, DK20, ED100-T, ER100, ER200	○		○	○	○	○		
M214H1	HI	EK100, EK200, K13C	○		○	○	○	○		
M215H	HI	EL100, EM100, EP100, EP100-T, P11C	○		○	○	○	○		
M216H	HI	W04D, W04DT	○		○	○	○	○		
M217H	HI	W06D, W06D-T, W06E	○		○	○	○	○		
M218H1	HI	H06C, H06C-T, H07C, H07D	○		○	○	○	○		
M220H1	HI	EF550, EF750, EF750-T	○		○	○	○	○		
M224H	HI	J05C, J05C-T, J07C, J08C	○		○	○	○	○		
M226H	HI	J08	○		○	○	○	○		
M251H	DA	FE	○		○	○	○	○		
M255A	DA	AB10, AB20, AB30, AB40, AB50, AD	○		○	○	○	○	○	○
M256A	DA	CB10, CB12, CB22, CB33, CB50-T, CL-10	○		○	○	○	○	○	○
M275A	DA	DG(OLD)	○		○	○	○	○		

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M276A	DA	DG('77 ~), DL, DL-T	○		○	○	○	○		
M277A	DA	AB31, AB35, AB40, AB51, AB55, AD	○		○	○	○	○		
M278A	DA	CB22, CB23, CB33, CB36, CB37, CB41, CB70-T, CL10	○		○	○	○	○		
M279A	DA	EB10, EB20, EB40, EF	○		○	○	○	○		
M280A	DA	CL50-T, CL70-T	○		○	○	○	○		
M282A	DA	DL('87 ~), DL-T	○		○	○	○	○		
M283A	DA	HC, HD	○		○	○	○	○		
M284A	DA	ED, EJ	○		○	○	○	○		
M303A	MA	PB, TA, TB	○		○	○	○	○		
M304A	MA	MA, NA, UB, VB, VC	○		○	○	○	○	○	○
M307H	MA	XA, XB	○		○	○	○	○		
M308H	MA	YA, ZB(E4100, T4100)	○		○	○	○	○		
M309A	MA	UB	○		○	○	○	○		
M310A	MA	PC, TC	○		○	○	○	○		
M311A	MA	UA, VA	○		○	○	○	○		
M312A	MA	HA, SL, SL-T	○		○	○	○	○		
M313A	MA	B1, B3, B5, B6, B6-T, BJ, D5, E1, E3, E5, TC, UC	○		○	○	○	○	○	○
M314H	MA	S2	○		○	○	○	○		
M315A	MA	F6, F8, FE	○		○	○	○	○	○	○
M316A	MA	R2, RF	○		○	○	○	○		
M317A	MA	B1, B3, B5, B6, B6-T, BJ, BP	○		○	○	○	○		
M321A	MA	B6	○		○	○	○	○		
M322A	MA	F2, F6, F8(NEW), FE	○		○	○	○	○		
M323H	MA	KJ, KL-ZE	○		○	○	○	○		
M324A	MA	PN	○		○	○	○	○		
M325A	MA	FP, FS	○		○	○	○	○		
M326A	MA	TF, TM	○		○	○	○	○		
M327A	MA	WL	○		○	○	○	○		
M328A	MA	JE, JF	○		○	○	○	○		
M329A	MA	G6	○		○	○	○	○		
M401H	KO	4D120, 4D130-1, 15TYPE	○		○	○	○	○		
M402H	KO	CUMMINS, 6D130	○		○	○	○	○		
M403H	KO	4D92-1, 4D92-2, 4D92-3	○		○	○	○	○		
M404A	KO	4D105-5, S4D105-5	○		○	○	○	○		
M405A	KO	6D105-1, S6D105-1, SA6D110-1	○		○	○	○	○		
M407H	KO	4D94-2	○		○	○	○	○		
M408H	KO	4D95L, 4D95S	○		○	○	○	○		
M409H	KO	6D95L	○		○	○	○	○		
M411H	KO	6D125	○		○	○	○	○		
M412A	KO	4D94E	○		○	○	○	○		
M415A	KO	3D84E	○		○	○	○	○		
M416A	KO	4D84E	○		○	○	○	○		
M417H	KO	S6D108	○		○	○	○	○		
M418A	KO	3D82E	○		○	○	○	○		
M420A	KO	SAA6D102E, SAA6D107E	○		○	○	○	○		
M451A	HO	EB1, EB5, EC, ED1, ED2, ED3, ED4, EE, EF, EJ, EK, EM, EN, EP, EV, EW	○		○	○	○	○		
M453A	HO	D15A, D15B, D15Z, ER, ER-T, EV1	○		○	○	○	○		
M454H	HO	A18A, 20A, ES, ET, EY	○		○	○	○	○		
M457A	HO	R16A, R18A	○		○	○	○	○		
M458H	HO	B18A, B20A, D16A1, ZC	○		○	○	○	○		
M459H	HO	F20A, F22B, H23A	○		○	○	○	○		
M461H	HO	B16A, B18A	○		○	○	○	○		
M463H	HO	B18	○							

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M464A	HO	D12A, D13C	○							
M465H	HO	C25A, C27A	○							
M467A	HO	G25A	○							
M468A	HO	L13A, L15A, LDA	○		○	○	○	○		
M469A	HO	K20A, K24A	○		○	○	○	○		
M472H	HO	E07A	○							
M473A	HO	J30A	○							
M601H	SB	EA62, EA63, EA64, EA71	○		○	○	○	○		
M602H	SB	EK21	○		○	○	○	○		
M603A	SB	EA81, EA81-T, EA82	○		○	○	○	○		
M604H	SB	EA63, EA64, EA65, EA71	○		○	○	○	○		
M605H	SB	EK22, EK23, EK42	○		○	○	○	○		
M606H	SB	EF10, EF12	○		○	○	○	○		
M651A	SZ	F8A, F10A	○		○	○	○	○	○	○
M652A	SZ	F5A	○		○	○	○	○	○	○
M653A	SZ	F5A('80 ~), F5A-T	○		○	○	○	○		
M654A	SZ	F8B, Y64	○		○	○	○	○	○	○
M655A	SZ	G10, G10-T	○		○	○	○	○	○	○
M656A	SZ	G13, G13B	○		○	○	○	○	○	○
M657A	SZ	G16, G15	○		○	○	○	○		
M658A	SZ	F6A	○		○	○	○	○		
M660A	SZ	K6A	○		○	○	○	○	○	○
M661A	SZ	J18A, J20A	○		○	○	○	○		
M662A	SZ	H20A	○		○	○	○	○		
M663A	SZ	H25A, H27A	○		○	○	○			
M664A	SZ	M13A	○		○	○	○	○		
M665A	SZ	M15A, M16A, M18A	○		○	○	○	○		
M702A	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○		○	○	○	○		
M703A2	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○		○	○	○	○		
M704A1	TO	3VZ-E, 5VZ-FE	○		○	○	○	○		
M706A	TO	1PZ	○		○	○	○	○		
M707A	TO	1HZ, 1HD-T	○		○	○	○	○		
M708A1	TO	1FZ-FE	○		○	○	○	○		
M713A	TO	1DZ	○		○	○	○	○		
M715A	TO	1ZZ-FE	○		○	○	○	○		
M717A	TO	1C, 2C(NEW), 3C	○		○	○	○	○		
M719A	TO	1MZ	○		○	○	○	○		
M720A1	TO	1KZ, 1KD, 2KD	○		○	○	○	○		
M721A	TO	1Z	○		○	○	○	○		
M722A	TO	11Z	○		○	○	○	○		
M723A1	TO	1NZ-FE, 2NZ-FE	○		○	○	○	○		
M724A	TO	1AZ, 2AZ	○		○	○	○	○		
M725A	TO, DA	1SZ, K3	○		○	○	○	○		
M726A	TO, DA	1SZ, 2SZ, K3	○		○	○	○	○		
M727A	TO	2Z	○		○	○	○	○		
M728A	TO	13Z	○		○	○	○	○		
M729A1	TO	1TR, 2TR	○		○	○	○	○		
M733A	TO	2UZ-FE	○		○	○	○	○		
M734A1	TO	1ZR-FE, 2ZR-FE	○		○	○	○	○		
M735A	TO	1KR	○		○					
M736A	TO	1GR-FE	○		○	○	○	○		
M738A	TO	2GR-FSE	○							
M739A	TO	2GR-FE	○							
M740A	TO	3GR, 4GR, 5GR	○							

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M743A	TO	1G-FE	○		○					
M748A	TO	1UR, 2UR, 3UR	○							
M801H	IS	4HF1, 4HE1-T	○		○	○	○	○		
M802H	IS	6HE1, 6HE1-T, 6HK1, 6HH1	○		○	○	○	○		
M803A	IS	3LD1	○		○	○	○	○		
M804A	IS	4LE1	○		○	○	○	○		
M805A	IS	3LB1-T	○		○	○	○	○		
M806A	IS	3KR1	○		○	○	○	○		
M810A	IS	6VD1	○		○	○	○	○		
M811H	IS	6WA1-T, 6WF1-T, 6WG1-T	○		○	○	○	○		
M812H	IS	C22NE, 22LE	○		○	○	○	○		
M901H	MF	6D24, 6M7	○		○	○	○	○		
M902H	MF	6D40	○		○	○	○	○		
M904A	MI	6A13-S4	○							
M905H	MI	6A13-D4	○							
M1050A	NI	YD22, 25	○		○	○	○	○		
M1051A	NI	ZD30	○		○	○	○	○		
M1052A	NI	QR20, 25	○		○	○	○	○		
M1053H	ND	RG8	○		○	○	○	○		
M1054A	NI	MR18, MR20	○		○	○	○	○		
M1056A	NI	HR15DE	○		○	○	○	○		
M1057A	NI	NA16S	○		○	○	○	○		
M3001A	KIA	K12H(PRIDE)	○		○	○	○	○		
M3002A	KIA	VN	○		○	○	○	○		
M3003A	KIA	J2(PREGIO), D4BH	○		○	○	○	○		
M3004A	KIA	HW BESTA	○		○	○	○	○		
M3005A	KIA	JED	○		○	○	○	○		
M3101A	HY	G4AJ, G4DJ	○		○	○	○	○		
M3102A	HY	G4CN, G4CP, G4CS	○		○	○	○	○	○	○
M3103H	HY	D4A, D4D	○		○	○	○	○		
M3105A	HY	G4EK, ALPHA	○		○	○	○	○		
M3106A	HY	G4HC	○		○	○	○	○		
M3107A	HY	D	○		○	○	○	○		
M3201A	AS	CD800 JADE	○		○	○	○	○		
M3301A	DW	TICO, MATIZ	○		○	○	○	○		
M3302A	DW	E-TEC	○		○	○	○	○		
M3501A	GM	S-TEC	○		○	○	○	○		
MP075H	ND	UD3, UD4, UD5, UD6, UD33, UD43	○		○	○	○	○		
MP090H1	ND	RD8, RD8-T, RD10, RD10-T, RE8, RE10, RF8, RF10	○		○	○	○	○		
MP092H	NI	FE6	○		○	○	○	○		
MP107H3	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC9, 8DC10, 8DC11, 8DC20, 8DC40, 8DC60, 8DC61, 8DC71, 8DC80, 8DC81, 8DC82, 8DC90, 10DC6, 10DC8, 10DC80, 10DC80	○		○	○	○	○		
MP109H	MF	4DR1	○		○	○	○	○	○	○
MP126A	MF	S4S, S6S	○		○	○	○	○		
MP128H	MI	S2E, S4E	○		○	○	○	○		
MP131H	MI	S4K, 6K	○		○	○	○	○		
MP148H	MF	S4B, S6B	○		○	○	○	○		
MP149H	MI	S6A	○		○	○	○	○		
MP168H	IS	4BA1	○		○	○	○	○		
MP179H1	IS	12PB1-T, 8PA1, 10PA1, 8PB1, 8PB1-T, 10PB1, 10PB1-T, 12PB1, 8PC1, 8PC1-T, 10PC1, 12PC1	○		○	○	○	○		
MP198H	IS	8PD1, 10PD1, 12PD1	○		○	○	○	○		

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
MP224H	HI	J05C, J05C-T1, J07C, J08C	○		○	○	○	○		
MP226H	HI	J05, J07, J08	○		○	○	○	○		
MP801H	IS	4HE1, 4HF1, 4HG1, 6HE1, 6HH	○		○	○	○	○		
P001H	TO	3R	○							
P002H	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○							
P002HS	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○							
P003H	TO	12R	○							
P003HS	TO	12R	○							
P004H	TO	3P, 4P	○							
P005H	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-G, 5M-GEU, 6M, 6M-G, 7M-G	○							
P010H	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 20R, 21R, 22R	○							
P010HS	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 20R, 21R, 22R	○							
P012H	TO	5R	○							
P012HS	TO	5R	○							
P015H	TO	2H	○							
P015HS	TO	2H	○							
P021H	TO	1G-E, 1G-G, 1G-GT	○							
P028H	TO	11B, 13B	○							
P028HS	TO	11B, 13B	○							
P030H	TO	2D	○							
P030P	TO	D, 2D	○							
P032H	TO	J, 2J, L, 2L, 5P	○							
P032HS	TO	J, 2J, L, 2L, 5P	○							
P034H	TO	H, 2H	○							
P034HS	TO	H, 2H	○							
P035H	TO	B, 2B	○							
P035HS	TO	B, 2B	○							
P037H	TO	L, 2L, 2L-T, 3L, 5L	○							
P037HS	TO	L, 2L, 2L-T, 3L, 5L	○							
P038H	TO	1C, 1C-T, 2C(~ '85)	○							
P038HS	TO	1C, 1C-T, 2C(~ '85)	○							
P039H	TO	2L, 2L-T(~ '88)	○							
P039HS	TO	2L, 2L-T(~ '88)	○							
P040H	TO	3B, 11B, 13B, 13B-T	○							
P040HS	TO	3B, 11B, 13B, 13B-T, 14B-T	○							
P042H	TO	L, 2L(NEW), 2L-T, 3L, 5L	○							
P042HS	TO	L, 2L(NEW), 2L-T, 3L, 5L	○							
P043H	TO	4A-GE, 4A-GZE	○							
P044H	TO	3F	○							
P044HS	TO	3F	○							
P045H	TO	1C, 2C('85 ~), 3C	○							
P045HS	TO	1C, 2C('85 ~), 3C	○							
P046H	TO	1N, 1N-T	○							
P047H	TO	1G-E, 1G-G, 1G-GT	○							
P048H	TO	3B, 11B, 14B, 15B	○							
P048HS	TO	3B, 11B, 14B, 15B	○							
P049H	TO	12H-T	○							
P052H	NI	H20	○							
P052HS	NI	H20	○							
P054H	NI	LD20	○							
P063H	ND	RD8, RD8-T, RE8, RF8	○							
P064H	ND	RD10, RD10-T, RE10, RF10	○							

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
P067H	ND	FE6, FE6-T, ND6, ND604, NDT04, NE6, NE604, NET04	○							
P076H	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○							
P080H	ND	SD20, SD22	○							
P080HS	ND	SD20, SD22	○							
P081H	ND	SD33, SD33-T	○							
P081HS	ND	SD33, SD33-T	○							
P085H	ND	SD20, SD22, SD23, SD25	○							
P085HS	ND	SD20, SD22, SD23, SD25	○							
P087H1	ND	TD23, TD25, TD27	○							
P089H	ND	TD27	○							
P096H1	ND	TD42	○							
P096HS	ND	TD42	○							
P103H	MI	4G41, 4G42	○							
P107H	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80, 10DC6, 10DC8, 10DC60, 10DC80	○							
P109H	MF	4DR5, 4DR50, 4DR51, 4DR52	○							
P110H	MF	6DR5, 6DR50	○							
P112H	MF	6D10, 6D11, 6D14, 6D14-T, 6D15	○							
P113H	MI	4D55, 4D56	○							
P114H	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80, 10DC6, 10DC8, 10DC60, 10DC80	○							
P115H	MF	6D21	○							
P117H	MF	4D30, 4D31, 4D31-T, 4D32	○							
P117HS	MF	4D30, 4D31, 4D31-T, 4D32	○							
P121H	MF	4D30, 4D31, 4D31-T, 4D32	○							
P121HS	MI	4D30, 4D31, 4D31-T, 4D32	○							
P122H	MF	4D33, 34, 34-T	○							
P124H	MF	8DC9, 8DC10, 8DC11, 8DC90	○							
P125H	MF	8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC20, 8DC40, 8DC60, 8DC70, 8DC80, 10DC60, 10DC80	○							
P129H	MF	6D16-T	○							
P131H	MF	S4K, S6K	○							
P133H	MI	4M40	○							
P154H	IS	DA120, DA640, GD150, GD150F	○							
P157H	IS	C221	○							
P160H	IS	C190, C240	○							
P160HS	IS	C190, C240	○							
P164H	IS	DA220, DA220LA	○							
P166H	IS	DH100, DH100H, DH100-T	○							
P167H	IS	E120, E120-T, 6RA1, 6RB1	○							
P168H	IS	4BB1, 4BD1, 4BD1-T, 4BE1, 4BE2, 4DC2	○							
P168HS	IS	4BB1, 4BD1, 4BD1-T, 4BE1, 4BE2, 4DC2	○							
P169H	IS	D500	○							
P170H	IS	4BA1, 4BC1, C330	○							
P171H	IS	G130, G150, G160, G161, G161W, G161Z, G180S, G180W, G181Z	○							
P173H	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T	○							
P173HS	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T	○							
P176H	IS	4FA1, 4FA1-T, 4FB1, 4FC1, 4FE1, 4FE1-T	○							
P177H	IS	4BA1, 4BC1, C330	○							

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
P179H	IS	8PA1, 8PB1, 8PB1-T, 8PC1, 8PC1-T, 10PA1, 10PB1, 10PB1-T, 10PC1, 12PA1, 12PB1, 12PB1-T, 12PC1	○							
P184H1	IS	4JA1, 4JB1, 4JB1-T, 4JC1, 4JD1, 4JE1, 4JF1	○							
P184H1S	IS	4JB1	○							
P185H	IS	4JG2	○							
P185HS	IS	4JG2	○							
P186H	IS	6SA1, 6SA1-T	○							
P187H	IS	4EC1	○							
P189H	IS	6SD1	○							
P202H	HI	DM100, DQ100	○							
P205H	HI	EC100	○							
P208H1	HI	EH500, EH700, H06C, H06C-T, H07C	○							
P210H	HI	EF100, EF100-T, EF300, EF350, EF500, EF700, EG100	○							
P214H	HI	EK100	○							
P215H	HI	EM100	○							
P216H	HI	W04D, W04DT	○							
P217H	HI	W06D, W06D-T, W06E	○							
P218H	HI	J05C, S05D	○							
P219H	HI	J07C	○							
P220H	HI	J08C, H07D	○							
P222H	HI	EP100	○							
P227H	HI	P11C	○							
P275H1	DA	DG, DL, DL-T	○							
P276H	DA	DL, DL-T	○							
P276HS	DA	DL, DL-T	○							
P303H	MA	PB, PC, TA, TB, TC	○							
P304H	MA	MA, NA, UA, UB, VA, VB, VC	○							
P304HS	MA	MA, NA	○							
P312H	MA	HA('80 ~)	○							
P312HS	MA	HA('80 ~)	○							
P314H	MA	S2	○							
P316H	MA	R2, RF	○							
P318H	MA	SL, SL-T	○							
P318HS	MA	SL, SL-T	○							
P319H	MA	HA(~ '80), XA, XB	○							
P319HS	MA	HA(~ '80)	○							
P320H	MA	ZB	○							
P320HS	MA	ZB	○							
P324H	MA	PN	○							
P336H	MA	R2, RF	○							
P401H	KO	4D120-15	○							
P403H	KO	4D92-1, 4D92-2, 4D92-3, 4D94-2	○							
P404H	KO	4D105-5, S4D105-5	○							
P405H	KO	6D105-1, S6D105-1, SA6D110-1	○							
P408H	KO	4D95L, 4D95S	○							
P409H	KO	6D95L	○							
P412H	KO	4D94E	○							
P417H	KO	S6D108	○							
P420H	KO	SAA6D102E, SAA6D107E	○							
P651H	SZ	F8A, F10A	○							
P652H	SZ	F5A, F5A-T, F8B, Y64	○							
P654H	SZ	F8B, Y64	○							
P659H	SZ	F8A, F10A	○							

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
P702H	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○							
P703H	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○							
P704H	TO	2VZ-FE, 3VZ-FE, 4VZ-FE, 5VZ-FE	○							
P706H	TO	1PZ	○							
P706HS	TO	1PZ	○							
P707H	TO	1HD-T, 1HZ	○							
P707HS	TO	1HD-T, 1HZ	○							
P708H	TO	1FZ-FE	○							
P709H	TO	1HD-T, 1HZ	○							
P709HS	TO	1HD-T, 1HZ	○							
P710H	TO	3S-FE, 5S-FE	○							
P713H	TO	1DZ	○							
P720H	TO	1KZ, 1KD	○							
P721H	TO	1Z	○							
P722H	TO	11Z	○							
P731H	TO	2KD	○							
P801H	IS	4HF1	○							
P802H	IS	6HE1, 6HH1	○							
P808H	IS	4HE1-T 4HK1	○							
P901H	MF	6D24	○							
P903H	MF	6D31	○							
P1050H	NI	YD22, 25	○							
P1050HS	NI	YD22, 25	○							
P1052H	NI	QR20, 25	○							
P1052HS	NI	QR20, 25	○							
PC005L	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-GEU, 6M, 6M-G, 7M-G	○							
PC009L	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 21R	○							
R001H	TO	3R	○		○	○	○	○		
R004H	TO	3P, 4P	○		○	○	○	○		
R005H	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-GEU	○		○	○	○	○	○	○
R008H	TO	5M, 5M-G, 6M, 6M-G, 7M-G	○		○	○	○	○		
R011H	TO	20R	○		○	○	○	○		
R012H	TO	5R	○		○	○	○	○	○	○
R016A	TO	12R	○		○	○	○	○	○	○
R018H2	TO	T, 2T, 2T-G, 3T, 12T, 13T	○		○	○	○	○	○	○
R019H1	TO	2T-G, 3T, 3T-G, 12T, 13T	○		○	○	○	○		
R020H	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 20R, 21R, 22R	○		○	○	○	○	○	○
R021A	TO	1G-E, 1G-G, 1G-GT, 1G-FE	○		○	○	○	○		
R022A	TO	1A, 2A, 3A, 4A	○		○	○	○	○		
R023A	TO	5R	○		○	○	○	○	○	○
R024A	TO	1S, 2S, 3S-E	○		○	○	○	○		
R025A	TO	1E, 2E, 4E	○		○	○	○	○		
R026A	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○		○	○	○	○	○	○
R027H	TO	3E, 5E	○		○	○	○	○		
R028A	TO	B	○		○	○	○	○		
R029H	TO	1VZ-FE	○		○	○	○	○		
R030H	TO	D, 2D	○		○	○	○	○		
R031A	TO	F, 2F	○		○	○	○	○	○	○
R032A	TO	J, 2J, 5P, 1Z, 2Z	○		○	○	○	○		
R033A	TO	12H-T, 2H	○		○	○	○	○		
R034A	TO	H, 2H, 12H-T, 11Z	○		○	○	○	○		
R035A	TO	B, 2B	○		○	○	○	○		

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R037A	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○
R038A	TO	1C, 1C-T, 2C	○		○	○	○	○		
R039A	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○
R040A	TO	3B, 11B, 13B, 13B-T	○		○	○	○	○		
R041A	TO	1Y, 2Y, 3Y, 4Y	○		○	○	○	○	○	○
R043A	TO	2A, 3A, 4A, 5A, 5A-FE	○		○	○	○	○		
R044A	TO	3F	○		○	○	○	○	○	○
R045A	TO	1C, 2C	○		○	○	○	○		
R046A	TO	1N, 1N-T	○		○	○	○	○		
R047A	TO	1G-E, 1G-FE	○		○	○	○	○		
R048A1	TO	3B, 11B, 13B-T, 14B, 14B-T, 15B	○		○	○	○	○		
R051H	NI	J, J13, J15, J16, J18	○		○	○	○	○	○	○
R052H	NI	H20, U120	○		○	○	○	○	○	○
R054H1	NI	L13, L14, L16, L18, L20B, LD20, LD20T, Z16, Z18, Z20, Z20E, Z22, Z24	○		○	○	○	○	○	○
R055H	NI	D11, D12	○		○	○	○	○		
R057H1	NI	L20, L24, L26, L28, LD28	○		○	○	○	○	○	○
R059H	NI	J13, J15, J16, J18	○		○	○	○	○		
R060H	NI	A10, A12, A13, A14, A15	○		○	○	○	○		
R062H	ND	ED30, ED304	○		○	○	○	○		
R063H1	ND	RD8	○		○	○	○	○		
R065H1	ND	ED6, FD6, FD6-T	○		○	○	○	○		
R067H1	ND	ND6, ND604, NDT04, NE6, NE604, NET04	○		○	○	○	○		
R068H	NI	E10, E13, E15, E15E, E16	○		○	○	○	○		
R069H1	NI	J13, J15, J16, J18	○		○	○	○	○		
R070A	NI	NA20	○		○	○	○	○		
R071H	NI	G16, G18, G20	○		○	○	○	○		
R072H	NI	R, P40, PF, PF40	○		○	○	○	○	○	○
R074A	NI	TB42	○		○	○	○	○		
R076H1	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○		○	○	○	○		
R080H1	ND	SD20, SD22, SD23, SD25, TD23, TD25, TD27	○		○	○	○	○		
R081H1	ND	SD33, SD33-T	○		○	○	○	○		
R082H1	ND	ED33, ED33-T, ED35, FD33, FD33-T, FD35, FD35-T	○		○	○	○	○		
R083H	NI	CA16, CA18, CA20, CD17	○		○	○	○	○		
R084H	NI	KA24	○		○	○	○	○		
R086H	NI	L20A, L20E	○		○	○	○	○		
R087H	ND	BD30	○		○	○	○	○		
R088H	NI	VG30E, VG33E	○		○	○	○	○		
R089H	ND	TD23, TD25, TD27	○		○	○	○	○		
R092H	ND	FE6, FE6-T	○		○	○	○	○		
R093A	NI	MA09, MA10, MA10ET, MA10S	○		○	○	○	○		
R094A	NI	GA13, GA14, GA15, GA16	○		○	○	○	○		
R095A	NI	CD20	○		○	○	○	○		
R096H	ND	TD42	○		○	○	○	○		
R097A	NI	RD28, RD28-T	○		○	○	○	○		
R098H	NI	SR18, SR20	○		○	○	○	○		
R099H	NI	VQ20	○		○	○	○	○		
R100H	NI	VQ25	○		○	○	○	○		
R103H	MI	4G41, 4G42, KE43, KE44, KE46	○		○	○	○	○	○	○
R106H	MF	6BD10, 6DB1	○		○	○	○	○	○	○
R108H	MF	6DS1, 6DS3, 6DS5, 6DS7, 6DS10, 6DS30, 6DS50, 6DS70	○		○	○	○	○		
R109H	MF	4DR5, 4DR50, 4DR51, 4DR52	○		○	○	○	○	○	○
R110H	MF	6DR5, 6DR50	○		○	○	○	○	○	○

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R111A	MI	4D65, 4D65T, G31B, G32B, G33B, G37B, G62B, G63B, G64, 4G30, 4G31, 4G32, 4G33, 4G35, 4G36, 4G37, 4G62, 4G63, 4G64	○		○	○	○	○	○	○
R112H1	MF	6D10, 6D11, 6D14, 6D14-T, 6D15	○		○	○	○	○		
R113A1	MI	G51B, G52B, G54B, 4G51, 4G52, 4G53, 4G54, 4G55, 4G56	○		○	○	○	○	○	○
R114H1	MF	8DC7, 8DC8, 8DC70, 8DC80	○		○	○	○	○		
R115H	MF	6D20, 6D21, 6D22A	○		○	○	○	○		
R116H	MF	4DQ3, 4DQ3-T, 4DQ5, 4DQ11, 4DQ50	○		○	○	○	○		
R117H	MF	4D30	○		○	○	○	○		
R119A	MI	G11B, G12B, G13B, G15B, 4G11, 4G12, 4G13, 4G15	○		○	○	○	○	○	○
R120A	MI	G23B, 2G23, 2G25	○		○	○	○	○		
R121H	MF	4D30, 4D31, 4D31-T, 4D32	○		○	○	○	○		
R122H	MF	4D33, 4D34, 4D34-T	○		○	○	○	○		
R123A	MI	6G71, 6G72	○		○	○	○	○		
R124H1	MF	8DC9, 8DC10, 8DC11, 8DC81, 8DC82, 8DC90	○		○	○	○	○		
R125H	MF	6D22, 6D22-T, 6D23	○		○	○	○	○		
R127A1	MI	3G81, 3G82, 3G83	○		○	○	○	○		
R129H1	MF	6D15-T, 6D16, 6D16-T, 6D17, 6M61	○		○	○	○	○		
R130A	MI	G13B(NEW), G15B, 4G13, 4G15	○		○	○	○	○		
R132H	MF	6D31, 6D31-T	○		○	○	○	○		
R133H	MI	4M40	○		○	○	○	○		
R134H	MF	4DR6-T, 4DR7	○		○	○	○	○		
R135A	MI	4G91, 4G92, 4G93	○		○	○	○	○		
R136A	MI	4G63(NEW)	○		○	○	○	○		
R137H	MI	4D68	○		○	○	○	○		
R138H	MI	6G74	○		○	○	○	○		
R140A	MI	4D56	○		○	○	○	○		
R141H	MI	4M41	○		○	○	○	○		
R142H	MI	6A12	○		○	○	○	○		
R143H	MF	6D34	○		○	○	○	○		
R144H	MF	4M50-T	○		○	○	○	○		
R145H	MF	4M51	○		○	○	○	○		
R146H	MF	6M60-T	○		○	○	○	○		
R151H	IS	DA640PP, DA640PT, DA640-T	○		○	○	○	○		
R152H	IS	G201	○		○	○	○	○		
R154H	IS	DA120, DA640, GD150, GD150F	○		○	○	○	○	○	○
R155H	IS	DA640, DA640PN, DA640PR	○		○	○	○	○	○	○
R156H1	IS	DH100	○		○	○	○	○	○	○
R157H	IS	C220, DL201	○		○	○	○	○		
R160H	IS	C190, C221, C223, C223-T, C240	○		○	○	○	○	○	○
R163H	IS	D920, E110	○		○	○	○	○		
R164H	IS	DA220, DA220LA	○		○	○	○	○		
R166H1	IS	DH100, DH100-T	○		○	○	○	○		
R167H1	IS	E120, E120-T, 6RA1	○		○	○	○	○		
R168H1	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BD1, 4BD1-T, 4BE1, 4BE2, 4BG1, C330	○		○	○	○	○	○	○
R169H1	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, D500	○		○	○	○	○	○	○
R171H	IS	G130, G150, G160, G161, G161W, G161Z, G180S, G180W, G180Z	○		○	○	○	○	○	○
R172A1	IS	G200W, G200Z, 4ZA1, 4ZB1, 4ZB1-T, 4ZC1, 4ZC1-T, 4ZD1, 4ZE1	○		○	○	○	○		
R174H	IS	2AA1, 2AB1	○		○	○	○	○		
R175H	IS	3AA1, 3AB1, 3AD1, 3AD1-T	○		○	○	○	○		

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R176H	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FC1-T, 4FD1, 4FE1, 4FE1-C, 4FG1	○		○	○	○	○		
R180H	IS	2AE1	○		○	○	○	○		
R181A	IS	4XC1, 4XC1-T	○		○	○	○	○		
R184A1	IS	4JA1, 4JB1, 4JB1-T, 4JC1, 4JD1	○		○	○	○	○	○	○
R186H	IS	6SA1, 6SA1-T	○		○	○	○	○		
R187A	IS	4EC1, 4EC1-T NAVI	○		○	○	○	○		
R188H	IS	6QA1, 6QA2	○		○	○	○	○		
R189H	IS	6SD1, 6SD1-T	○		○	○	○	○		
R191A	IS	4XE1	○		○	○	○	○		
R192A	IS	2KA1, 2KB1, 2KC1	○		○	○	○	○		
R193A	IS	3KA1, 3KB1, 3KC1	○		○	○	○	○		
R195H	IS	6RB1	○		○	○	○	○		
R201H	HI	DS50, DS60, DS70, DS80	○		○	○	○	○	○	○
R202H	HI	DM100, DQ100	○		○	○	○	○		
R204H2	HI	EB100, EB200, EB300, EB450	○		○	○	○	○		
R205H1	HI	EC100	○		○	○	○	○		
R206H1	HI	EH100	○		○	○	○	○		
R207H1	HI	DK10, DK10A, DK10T, DK20, ED100-T	○		○	○	○	○		
R208H1	HI	EH500, EH700	○		○	○	○	○		
R209H1	HI	EH300	○		○	○	○	○		
R210H1	HI	EF100, EF100-T, EF300, EF350, EF500, EF700, EG100	○		○	○	○	○		
R211H	HI	ER100, ER200	○		○	○	○	○		
R214H1	HI	EK100, EK200	○		○	○	○	○		
R215H	HI	EL100	○		○	○	○	○		
R216H	HI	W04D, W04DT	○		○	○	○	○		
R217H	HI	W06D, W06D-T, W06E	○		○	○	○	○		
R218H1	HI	HO6C, HO6C-T, HO7C	○		○	○	○	○		
R219H1	HI	HO6C, HO6C-T, HO7C	○		○	○	○	○		
R220H1	HI	EF550, EF750, EF750-T	○		○	○	○	○		
R221H	HI	EP100, EP100-T	○		○	○	○	○		
R222H	HI	EP100('84 ~), EP100-T	○		○	○	○	○		
R223H	HI	EM100	○		○	○	○	○		
R224H1	HI	H07D	○		○	○	○	○		
R225H	HI	K13C	○		○	○	○	○		
R227H	HI	P11C	○		○	○	○	○		
R251H	DA	FE	○		○	○	○	○		
R255A	DA	AB10, AB20, AB30, AB31, AB35, AB40, AB50, AB51, AB55, AD	○		○	○	○	○	○	○
R256A	DA	CB10, CB12, CB22, CB23, CB33, CB36, CB37, CB41, CB50-T, CL10	○		○	○	○	○	○	○
R276A	DA	DG, DL, DL-T	○		○	○	○	○		
R279A	DA	EB10, EB20, EB40, EF	○		○	○	○	○		
R280A	DA	CL50-T, CL70-T	○		○	○	○	○		
R281H	DA	CB70(DOHC)	○		○	○	○	○		
R283A	DA	HC, HD	○		○	○	○	○		
R284A	DA	ED, EJ	○		○	○	○	○		
R303A	MA	PB, PC, TA, TB, TC	○		○	○	○	○		
R304A1	MA	NA, UB, VA, AC	○		○	○	○	○	○	○
R305A	MA	MA, VB	○		○	○	○	○	○	○
R308H	MA	ZB	○		○	○	○	○		
R312A	MA	HA, SL, SL-T	○		○	○	○	○		
R313A	MA	B1, B3, B5, D5, E1, E3, E5, TC, UC	○		○	○	○	○	○	○
R314H	MA	S2	○		○	○	○	○		

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R315A1	MA	R2, RF	○		○	○	○	○		
R317A	MA	B6, B6-T, BJ, BP	○		○	○	○	○		
R322A	MA	F8(NEW), FE, G6	○		○	○	○	○		
R323H	MA	KJ, KL-ZE	○		○	○	○	○		
R324A	MA	PN	○		○	○	○	○		
R325A	MA	FS, FP	○		○	○	○	○		
R326A	MA	TF, TM	○		○	○	○	○		
R327A	MA	WL	○		○	○	○	○		
R328A	MA	JE	○		○	○	○	○		
R329A	MA	JF	○		○	○	○	○		
R332A	MA	W9	○		○	○	○	○		
R336A	MA	F2, F6, F8, FE, R2, RF	○		○	○	○	○	○	○
R401H	KO	4D120, 4D130-1, 15TYPE	○		○	○	○	○		
R402H	KO	CUMMINS, 6D130	○		○	○	○	○		
R403H	KO	4D92-1, 4D92-2, 4D92-3, 4D94-2	○		○	○	○	○		
R404A	KO	4D105-5, S4D105-5	○		○	○	○	○		
R405A	KO	6D105-1, S6D105-1, SA6D110-1	○		○	○	○	○		
R406H	KO	CUMMINS	○		○	○	○	○		
R408H	KO	4D95L, 4D95S	○		○	○	○	○		
R409H	KO	6D95L	○		○	○	○	○		
R410H	KO	S6D95L	○		○	○	○	○		
R411H	KO	6D125	○		○	○	○	○		
R412A	KO	4D94E	○		○	○	○	○		
R413H	KO	S4D105-5	○		○	○	○	○		
R414H	KO	S6D110-1	○		○	○	○	○		
R415A	KO	3D84E	○		○	○	○	○		
R416A	KO	4D84E	○		○	○	○	○		
R417H	KO	S6D108	○		○	○	○	○		
R418A	KO	3D82E	○		○	○	○	○		
R420H	KO	SAA6D107E	○		○	○	○	○		
R421H	KO	SAA6D102E	○		○	○	○	○		
R451H	HO	EB5, EC, ED1, ED2, ED3, ED4, EF, EK, EM, EP	○		○	○	○	○		
R452H	HO	EB1, EE, EJ, EN, ER-T	○		○	○	○	○		
R453H	HO	ER	○		○	○	○	○		
R454H	HO	A18A, A20A, B18A, B20A, ES, ET, F18B, F20B, G20A	○		○	○	○	○		
R455H	HO	EV	○		○	○	○	○		
R456H	HO	D15A, D15B, D15Z, EW	○		○	○	○	○		
R457A	HO	R16A, R18A	○		○	○	○	○		
R458H	HO	B20A, F20A, F22B, G25A, H23A	○		○	○	○	○		
R459H	HO	H22A(VTEC)	○		○	○	○	○		
R460H	HO	D16A1, ZC	○		○	○	○	○		
R462H	HO	B16A	○		○	○	○	○		
R463H	HO	B18	○							
R464H	HO	D12A, D13C	○							
R465H	HO	C25A, C27A	○							
R468A	HO	L13A, L15A, LDA	○		○	○	○	○		
R469H	HO	K20A	○		○	○	○	○		
R470H	HO	K24A	○		○	○	○	○		
R472H	HO	E07A	○							
R473H	HO	J30A	○							
R601H	SB	EA62, EA63, EA64, EA65, EA71, EA81, EA81-T	○		○	○	○	○		
R602H	SB	EK21, EK22, EK23, EK42	○		○	○	○	○		
R606H	SB	EF10	○		○	○	○	○		

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R607H	SB	EF12	○		○	○	○	○		
R651A	SZ	F8A, F10A	○		○	○	○	○	○	○
R652A	SZ	F5A, F8B, Y64	○		○	○	○	○	○	○
R653A	SZ	F5A	○		○	○	○	○		
R655A	SZ	G10, G10-T	○		○	○	○	○	○	○
R656A	SZ	G13	○		○	○	○	○	○	○
R657A	SZ	G15, G16	○		○	○	○	○		
R658A	SZ	F6A	○		○	○	○	○		
R660A	SZ	K6A	○		○	○	○	○	○	○
R661A	SZ	J18A, J20A	○		○	○	○	○		
R662A	SZ	H20A, H25A, H27A	○		○	○	○	○		
R664A	SZ	M13A	○		○	○	○	○		
R665A	SZ	M15A, M16A, M18A	○		○	○	○	○		
R702H1	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○		○	○	○	○		
R703A	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○		○	○	○	○		
R704A	TO	3VZ-E	○		○	○	○	○		
R705H	TO	2VZ-FE, 3VZ-FE, 4VZ-FE	○		○	○	○	○		
R706A	TO	1PZ	○		○	○	○	○		
R707A	TO	1HD-T, 1HZ	○		○	○	○	○		
R708A	TO	1FZ-FE	○		○	○	○	○		
R709A	TO	5VZ-FE	○		○	○	○	○		
R710A	TO	3S-FE, 5S-FE	○		○	○	○	○		
R711A	TO	1RZ, 2RZ, 3RZ	○		○	○	○	○		
R713A	TO	1DZ	○		○	○	○	○		
R714A	TO	7A-FE, 7K	○		○	○	○	○		
R715A	TO	1ZZ-FE	○		○	○	○	○		
R716H	TO	4A-GE, 4A-GZE	○		○	○	○	○		
R717A	TO	1C, 2C(NEW), 3C	○		○	○	○	○		
R718A	TO	1C, 2C(NEW), 3C	○		○	○	○	○		
R719A	TO	1MZ	○		○	○				
R720A1	TO	1KD, 2KD, 1KZ	○		○	○	○	○		
R723A	TO	1NZ-FE, 2NZ-FE	○		○	○	○	○		
R724A	TO	1AZ, 2AZ	○		○	○	○	○		
R725A	TO	1SZ	○		○	○	○	○		
R726A	TO,DA	2SZ, K3	○		○	○	○	○		
R727A	TO	3SZ	○		○	○	○	○		
R729A	TO	1TR, 2TR	○		○	○	○	○		
R733A	TO	2UZ-FE	○		○	○	○	○		
R734A	TO	1ZR-FE, 2ZR-FE	○		○	○	○	○		
R735A	TO	1KR	○		○	○				
R736A	TO	1GR-FE	○		○	○	○	○		
R738A	TO	2GR-FSE	○							
R740A	TO	2GR-FE, 3GR	○		○	○	○	○		
R741A	TO	4GR, 5GR	○							
R744A	TO	3ZR	○							
R748A	TO	1UR, 2UR	○							
R749A	TO	2UR-GSE	○							
R750A	TO	3UR	○							
R801H	IS	4HF1	○		○	○	○	○		
R802H	IS	6HE1, 6HH1, 6HK1	○		○	○	○	○		
R804A	IS	4LC1	○		○	○	○	○		
R807H1	IS	3AE1	○		○	○	○	○		
R808H	IS	4HE1-T	○		○	○	○	○		
R809H	IS	6HE1-T	○		○	○	○	○		

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R810A	IS	6VD1	○		○	○	○	○		
R811H	IS	6WA1-T, 6WF1-T, 6WG1-T	○		○	○	○	○		
R812H	IS	C22NE, 22LE	○		○	○	○	○		
R813H	IS	C22NE, 22LE	○		○	○	○	○		
R814H	IS	4HE1-T 4HK1	○		○	○	○	○		
R901H	MF	6D24, 6M7	○		○	○	○	○		
R904H	MI	6A13	○							
R1050A	NI	YD22, 25	○		○	○	○	○		
R1051A	NI	ZD30	○		○	○	○	○		
R1052A	NI	QR20, 25	○		○	○	○	○		
R1053H	ND	RG8	○		○	○	○	○		
R1054A	NI	MR18, MR20	○		○	○	○	○		
R1056A	NI	HR15DE	○		○	○	○	○		
R1058H	NI	VQ35	○		○	○	○	○		
R3001A	KIA	K12H(PRIDE)	○		○	○	○	○	○	○
R3002A	KIA	VN	○		○	○	○	○		
R3003A	KIA	J2(PREGIO), D4BH	○		○	○	○	○		
R3004A	KIA	HW BESTA	○		○	○	○	○	○	○
R3005A	KIA	JED	○		○	○	○	○		
R3101A	HY	G4AJ, G4DJ	○		○	○	○	○		
R3102A	HY	G4CN, G4CP, G4CS	○		○	○	○	○	○	○
R3103H	HY	D4A, D4D	○		○	○	○	○		
R3105A	HY	G4EK, ALPHA	○		○	○	○	○		
R3106A	HY	G4HC	○		○	○	○	○		
R3107H	HY	D	○		○	○	○	○		
R3302A	DW	E-TEC	○		○	○	○	○		
R3501A	GM	S-TEC	○		○	○	○	○		
R4001A	PT	S4PH, S4PE	○		○	○	○	○		
RP063H1	ND	RD8, RD8-T, RD10, RD10-T, RE8, RE10, RF8, RF10	○		○	○	○	○		
RP075H	ND	UD3, UD4, UD5, UD6, UD33, UD43	○		○	○	○	○		
RP092H	NI	FE6	○		○	○	○	○		
RP107H3	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80, 10DC6, 10DC8, 10DC60, 10DC80	○		○	○	○	○		
RP109H	MF	4DR1	○		○	○	○	○		
RP110H	MF	4DR5	○		○	○	○	○	○	○
RP114H1	MF	8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC20, 8DC40, 8DC60, 8DC61, 8DC70, 8DC80, 8DC81, 10DC60, 10DC80	○		○	○	○	○		
RP126A	MF	S4S, S6S	○		○	○	○	○		
RP128H	MI	S2E, S3E	○		○	○	○	○		
RP131H	MI	S2K, 4K	○		○	○	○	○		
RP134H	MF	4DR6-T, 4DR7	○		○	○	○	○		
RP148H	MI	S4B	○		○	○	○	○		
RP149H	MI	S6A	○		○	○	○	○		
RP168H1	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BD1, 4BD1-T, 4BE1, 4BE2, 4BG1, C330, 6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, D500	○		○	○	○	○	○	○
RP179H1	IS	8PA1, 8PB1, 8PB1-T, 8PC1, 8PC1-T, 10PA1, 10PB1, 10PB1-T, 10PC1, 12PA1, 12PB1, 12PB1-T, 12PC1	○		○	○	○	○		
RP198H	IS	8PD1, 10PD1, 12PD1	○		○	○	○	○		
RP224H1	HI	J05C, J07C, J08C	○		○	○	○	○		
RP226H	HI	J05D, J07E, J08E	○		○	○	○	○		
RP307H	MA	XA, XB, YA, ZB	○		○	○	○	○		
RP308H	MA	XA, XB, Y, ZB	○		○	○	○	○		

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
RP801H	IS	4HE1,4HF1,4HG1,6HE1,6HH	○		○	○	○	○		
SMR016A	TO	12R	○		○	○	○	○	○	○
SMR025A	TO	1E, 2E, 4E	○		○	○	○	○		
SMR041A	TO	Y, 2Y, 3Y, 4Y	○		○	○	○	○	○	○
SMR042A	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○
SMR113A	MI	4G51, 4G52, 4G53, G52B	○		○	○	○	○	○	○
SMR119A	MI	4G13, G13B, 4G15, G15B	○		○	○	○	○		
SMR121H	MF	4D30, 4D31, 4D31-T, 4D32	○		○	○	○	○		
SMR136A	MI	4G63, 4G64	○		○	○	○	○		
SMR315A	MA	F6, F8, FE	○		○	○	○	○	○	○
SMR703A	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○		○	○	○	○		
T001H	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-G, 5M-GEU, 6M, 6M-G, 7M-G, 3R	○	○	○					
T002A	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K, 1N, 1N-T	○	○	○	○				
T003A	TO	12R	○	○	○	○				
T004A	TO	3P, 4P	○	○	○					
T011A	TO	5R, 16R, 16R-U, 18R, 18R-GRU, 18R-GU, 18R-U, 20R, 21R, 22R	○	○	○					
T018A	TO	1S, 2S, 3S-E, 3S-FE, T, 2T, 2T-G, 3T, 3T-G, 12T, 13T, 1Y, 2Y, 3Y, 4Y, 5S-FE	○	○	○	○				
T020A	TO	22R	○	○	○	○				
T021A	TO	1G-E, 1G-FE, 1G-G, 1G-GT	○	○	○					
T022A	TO	1A, 2A, 3A, 4A, 4A-GE, 4A-GZE, 5A, 5A-FE, 7A-FE	○	○	○					
T025A	TO	1E, 2E, 4E	○	○	○	○				
T027A	TO	3E, 5E, 7K	○	○	○					
T029A	TO	1VZ-FE, 2VZ-FE, 3VZ-E, 3VZ-FE, 4VZ-FE, 5VZ-FE	○	○	○					
T030A	TO	D, 2D	○	○	○					
T032A	TO	H, 2H, J, 2J, 5P	○	○	○					
T034A	TO	12H-T	○	○	○					
T037A	TO	L, 2L, 2L-T, 3L, 5L	○	○	○	○				
T038A	TO	1C, 1C-T, 2C, 3C	○	○	○	○				
T040A	TO	B, 11B, 13B, 13B-T, 14B, 14B-T, 15B	○	○	○	○				
T044A	TO	3F	○	○	○					
T051H	NI	D11, D12, J, J13, J15, J16, J18	○	○	○					
T062H	ND	ED6, ED30, ED33, ED33-T, ED35, ED304, FD6, FD6-T, FD33, FD33-T, FD35, FD35-T	○	○	○					
T063H	ND	RD8, RD8-T, RD10, RD10-T, RE8, RE10, RF8, RF10	○	○	○					
T067H	ND	ND6, ND604, NDT04, NE6, NE604, NET04	○	○	○					
T071H	NI	G16, G18, G20	○	○	○					
T075H	ND	UD3, UD4, UD5, UD6, UD33, UD43	○	○	○					
T076H	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○	○	○					
T080H1	ND	SD20, SD22, SD23, SD25, SD33, SD33-T, TD23, TD25, TD27, TD42	○	○	○	○				
T092H	ND	FD42, FD46, FE6, FE6-T	○	○	○					
T093A	NI	MA09, MA10, MA10ET, MA10S	○	○	○					
T094A	NI	GA13, GA14, GA15, GA16	○	○	○					
T095H	ND	PE6, PE604, PE6T04	○	○	○					
T098H	NI	SR18, SR20	○	○	○					
T099A	NI	VQ20, VQ25, VQ30	○	○	○					
T103H	MI	4G41, 4G42, KE43, KE44, KE46	○	○	○					
T106P	MF	6BD10, 6DB1	○	○	○					
T107H	MF	6D20, 6D21, 6D22A, 6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80	○	○	○					

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
T108H	MF	4D30, 4D31, 4D31-T, 4D32, 6D31, 6D31-T, 6DS1, 6DS3, 6DS5, 6DS7, 6DS10, 6DS30, 6DS50, 6DS70	○	○	○					
T110H	MF	4DR1, 4DR5, 4DR50, 4DR51, 4DR52, 6DR5, 6DR50	○	○	○					
T112H	MF	6D10, 6D11, 6D14, 6D14-T, 6D15	○	○	○					
T114H	MF	6D20, 6D21, 6D22, 6D22A, 6D22-T, 6D23, 8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC20, 8DC40, 8DC60, 8DC70, 8DC80, 10DC60, 10DC80	○	○	○					
T121H	MF	4D30, 4D31, 4D32, 4D33, 4D34	○	○	○					
T123A	MI	6G71, 6G72	○	○	○					
T124H	MF	8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC9, 8DC20, 8DC40, 8DC60, 8DC61, 8DC70, 8DC80, 8DC81, 8DC82, 8DC90	○	○	○					
T126H	MF	S4S, S6S	○	○	○					
T127A	MI	3G81, 3G82, 3G83	○	○	○					
T128H	MF	S2E, S3E	○	○	○					
T129H	MF	6D16, 6D15-T	○	○	○					
T131A	MF	S4K, S6K	○							
T133A	MI	4M40, 4M41	○	○	○					
T135A	MI	4G91, 4G92, 4G93	○	○	○					
T139A	MI	4G63	○	○	○					
T140A	MI	4D56	○	○	○					
T142A	MI	6A12	○	○	○					
T145H	MF	4M50T, 4M51	○	○	○					
T155H	IS	DA120, DA220, DA220LA, DA640, DA640PN, DA640PP, DA640PT, DA640PR, DA640-T, GD150	○	○	○					
T157H	IS	C190, C223, C223-T, DL201, G201	○	○	○	○				
T160H	IS	2AA1, 2AB1, 2AE1, 3AA1, 3AB1, 3AD1, 3AD1-T, 3AE1, 3AF1, C221, C240	○	○	○					
T163H	IS	D920, DH100, DH100-T, E110, 6QA1, 6QA2	○	○	○					
T167H	IS	E120, E120-T, 6RA1, 6RB1	○	○	○					
T168H	IS	4BA1, 4BB1, 4BC1, 4BC2, C330, D500	○	○	○	○				
T169H	IS	C330, D500	○	○	○					
T171A1	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FC1-T, 4FD1, 4FE1, 4FE1-T, 4FG1, G130, G150, G160, G161, G161W, G161Z, G180S, G180W(DOCH), G180Z, G200W(DOCH), G200Z, 4ZA1, 4ZB1, 4ZB1-T, 4ZC1, 4ZC1-T, 4ZD1, 4ZE1	○	○	○	○				
T173H	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BD1, 4BD1-T, 4BE1, 4BE2, 4BG1, 6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T	○	○	○	○				
T179H	IS	8PA1, 8PB1, 8PB1-T, 8PC1, 8PC1-T, 10PA1, 10PB1, 10PB1-T, 10PC1, 12PA1, 12PB1, 12PB1-T, 12PC1	○	○	○					
T181A	IS	4XC1, 4XC1-T, 4XE1	○	○	○					
T184A	IS	4JA1, 4JC1, 4JD1, 4JE1, 4JF1	○	○	○					
T185A	IS	4JB1, 4JBI-T	○	○	○					
T186H	IS	6SA1, 6SA1-T, 6SD1, 6SD1-T	○	○	○	○				
T187A	IS	4EC1	○	○	○					
T192A	IS	2KA1, 2KB1, 2KC1, 3KA1, 3KB1, 3KC1	○	○	○					
T201H	HI	DS50, DS60, DS70, DS80	○	○	○					
T202H	HI	DMIOO, DQ100	○	○	○					
T203P	HI	DK10, DK10A, DK10T, DK20, ED100, ED100-T	○	○	○					
T204P	HI	EB100, EB200, EB300	○	○	○					
T205H	HI	EC100, EH100, EH300, EH500, EH700	○	○	○					
T210H	HI	EF100, EF100-T, EF300	○	○	○					
T211P	HI	DK10, DK10A, DK10T, DK20, ED100, ED100-T, ER100, ER200	○	○	○					

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
T212H	HI	EF100, EF100-T, EF300, EF350, EF500, EF700, EG100	○	○	○					
T213P	HI	EB300, EB400	○	○	○					
T214H	HI	EK100, EK200, K13C	○	○	○					
T215H	HI	EL100(OLD)	○	○	○					
T216H1	HI	W04D, W04DT, W06D, W06D-T, W06E	○	○	○					
T218H1	HI	H06C, H06C-T, H07C, H07D, J05C, J05C-T1, J07C, J08C	○	○	○					
T219H	HI	EL100, EM100, EP100, EP100-T	○	○	○					
T220H	HI	EF550, EF750('86 ~), EF750-T	○	○	○					
T221H	HI	EF550, EF750(~ '86), EF750-T	○	○	○					
T227H	HI	P11C	○	○	○					
T255A	DA	AB10, AB11, AB20, AB30, AB31, AB35, AB40, AB50, AB51, AB55, AD, CB10, CB12, CB22, CB23, CB33, CB36, CB37, CB41, CB50-T, CL-10	○	○	○					
T275A	DA	DG	○	○	○					
T279A	DA	EB, EF	○	○	○					
T280A	DA	CB70-T, CL50-T, CL70-T	○	○	○					
T283A1	DA	HC, HD	○	○	○					
T284A	DA,TO	ED, EJ, K3, 1SZ, 2SZ	○	○	○					
T303A	MA	PB, TA, TB	○	○	○					
T304A	MA	MA, NA, UB, VB, VC	○	○	○	○				
T307A	MA	XA, XB, YA, ZB	○	○	○					
T310A	MA	PC, TC	○	○	○					
T312A	MA	HA, SL, SL-T	○	○	○	○				
T313A	MA	D5, E1, E3, E5, TC, UC	○	○	○	○				
T314A	MA	S2	○	○	○					
T316A	MA	R2, RF	○	○	○					
T317A	MA	B1, B3, B5, B6, B6-T, BJ, BP	○	○	○					
T324A	MA	PN	○	○	○					
T325A	MA	FS, FP	○	○	○					
T327A	MA	WL	○	○	○					
T401P	KO	4D120, 15TYPE	○	○	○					
T401RP	KO	4D130-1	○	○	○					
T402P	KO	CUMMINS, 6D130	○	○	○					
T403P	KO	4D92-1, 4D92-2, 4D92-3, 4D94-2	○	○	○					
T404A	KO	4D105-5, S4D105-5, 6D105-1, S6D105-1, SA6D110-1	○	○	○					
T408H	KO	4D95L, 4D95S, 6D95	○	○	○					
T412A	KO	4D94E	○	○	○					
T415A	KO	3D84E, 4D84E	○	○	○					
T417H	KO	S6D108	○	○	○					
T418A	KO	3D82E	○	○	○					
T451A1	HO	A18A, A20A, D12A, D13C, D15A, D15B, D15Z, EB1, EB5, EC, ED1, ED2, ED3, ED4, EE, EF, EJ, EK, EM, EN, EP, ER, ER-T, ES, ET, EV, EW('83 ~), EY	○	○	○					
T458A	HO	B18A, B20A, D16A1, ZC	○	○	○					
T459A	HO	C25A, C27A, F18B, F20B, F20A, F22B, F23A, G20A, H22A, G25A	○	○	○					
T468A	HO	B16A, B18A, L13A, L15A, LDA	○	○	○					
T469A	HO	K20A, K24A	○	○	○					
T472A	HO	E07A	○	○	○					
T651A	SZ	F5A, F8A, F8B, F10A, Y64	○	○	○	○				
T653A	SZ	F5A, F5A-T	○	○	○					
T655A	SZ	G10, G10-T, G13, G13B(DOHC)	○	○	○	○				
T657A	SZ	G15, G16	○	○	○					

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Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
T658A	SZ	F6A	○	○	○					
T661A	SZ	J18A, J20A, H20A, H25A, H27A	○	○	○					
T664A	SZ	M13A, M15A, M16A, M18A	○	○	○					
T702A	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○	○	○					
T703A	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○	○	○					
T706A	TO	1HD-T, 1HZ, 1PZ	○	○	○					
T708A	TO	1FZ-FE	○	○	○					
T710A	TO	3S-FE, 5S-FE	○	○	○					
T712A	TO	1DZ(OLD)	○	○	○					
T713A	TO	1DZ(NEW)	○	○	○					
T715A	TO	1ZZ, 1ZR-FE, 2ZR-FE	○	○	○					
T719A	TO	1MZ	○	○	○					
T720A	TO	1KZ, 1KD, 2KD	○	○	○					
T721A	TO	1Z, 11Z	○	○	○					
T724A	TO	1AZ, 2AZ	○	○	○					
T729A	TO	1TR, 2TR	○	○	○					
T733A	TO	2UZ-FE	○	○	○					
T735A	TO	1KR	○	○	○					
T736A	TO	1GR-FE	○							
T737A	TO	1GR-FE	○							
T738A	TO	2GR-FSE, 2GR-FE, 3GR, 4GR, 5GR	○							
T748A	TO	1UR, 2UR, 3UR	○							
T801A	IS	4HF1, 6HE1, 6HH1, 6HK1	○	○	○	○				
T806A	IS	3KR1	○	○	○					
T810A	IS	6VD1	○	○	○					
T904A	MI	6A13	○							
T1050A	NI	YD22, 25	○	○	○					
T1051A	NI	ZD30	○	○	○					
T1052A	NI	QR	○	○	○					
T1054A	NI	MR18, MR20	○	○	○					
T1056A	NI	HR15DE	○	○	○					
T3001A	KIA	PRIDE B3	○	○	○					
T3003A	KIA	J2(PREGIO), D4BH	○	○	○					

This image shows a full page of a handwriting practice worksheet. It consists of multiple sets of three horizontal dashed lines, providing a guide for letter height and placement. The lines are evenly spaced and extend across the entire width of the page, leaving ample space for writing practice. There is no text or other markings on the page.

This image shows a full page of a handwriting practice worksheet. It consists of multiple sets of three horizontal dashed lines, providing a guide for letter height and placement. The lines are evenly spaced across the entire page, leaving ample room for writing practice. There is no text or other markings on the page.

This image shows a full page of a worksheet designed for handwriting practice. It features approximately 20 evenly spaced, horizontal dashed lines across the entire page. The background is plain white, and there are no margins, text, or other markings present.

NEW LABEL

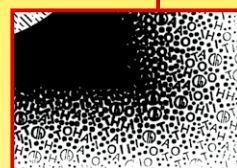
For only Thrust Washer and Bushing label.

TAIHO KOGYO CO., LTD. will change Set No. Label as shown in the picture.
The New Label adopt latest Hologram Technology to protect our customer from inferior imitation.



Protect our customer from inferior imitation

New Design



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July-2015 Printed in Japan

NOTE: No change of current Main and Con-rod bearing label.



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