



**HEAVY DUTY
CLUTCH KITS
& FLYWHEELS
FOR 4X4 & SUV**

CATALOGUE

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GEORGE THE CROC!



CLUTCH WITH BITE!

George the Croc is Xtreme Outback's popular mascot and a show favourite amongst younger and 'older' kids. Like our Xtreme Outback clutches, George is strong and can handle all kinds of terrain. A real icon of the Australian Outback! Look out for our crocodile logo on Xtreme Outback stickers, t-shirts and caps.



FOR XTREME CONDITIONS

Xtreme Outback is the 4x4 heavy duty clutch division of Australian Clutch Services, Australia's leading independent clutch and flywheel specialist.



With more than 25 years' experience in the manufacture and supply of clutch kits and components, Australian Clutch Services are the Clutch & Flywheel Specialists.

Your 4WD vehicle deserves the best product and the expertise from Australian Clutch Services' dedicated support team.

Xtreme Outback. Proven in the Outback. Sold Worldwide

WHY XTREME OUTBACK?

Research

Our in-house research and development facility allows us to continually analyse and develop products to obtain an optimal combination of performance, noise suppression, durability and driveability.

Engineering

Computer Aided Design and Finite Element Analysis help our engineering department to design, examine and load test specific product features prior to prototype construction, allowing us to reduce development time and release high quality products to market, faster than the competition.

Testing

Xtreme Outback products are tested in some of the harshest environments on Earth. Our proven product performance allows our customers to put their trust in our clutches to travel the distance - and then come back.

Performance

Xtreme Outback not only delivers on performance, but is designed as a long-term cost-effective solution for clients in need of a better performing clutch package.



Choosing The Right Clutch For Your 4WD

Stage 1:

Heavy Duty Organic Clutch Kit /-1A

Stage 1X:

Extra Heavy Duty Organic Clutch Kit /-1AX

What's Inside



What's Inside



Features

- High quality pressure plate with increased clamping force
- 15-40% increase in clamping force (Application Specific)
- Organic friction disc for retained driveability

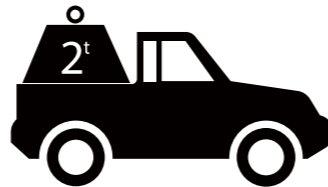
- Extra heavy duty pressure plate
- 30-50% increase in clamping force (Application Specific)
- Organic friction disc for retained driveability

Recommended For

• Towing



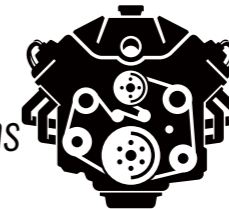
• Heavy Loads



• Larger Wheels



• Engine Modifications



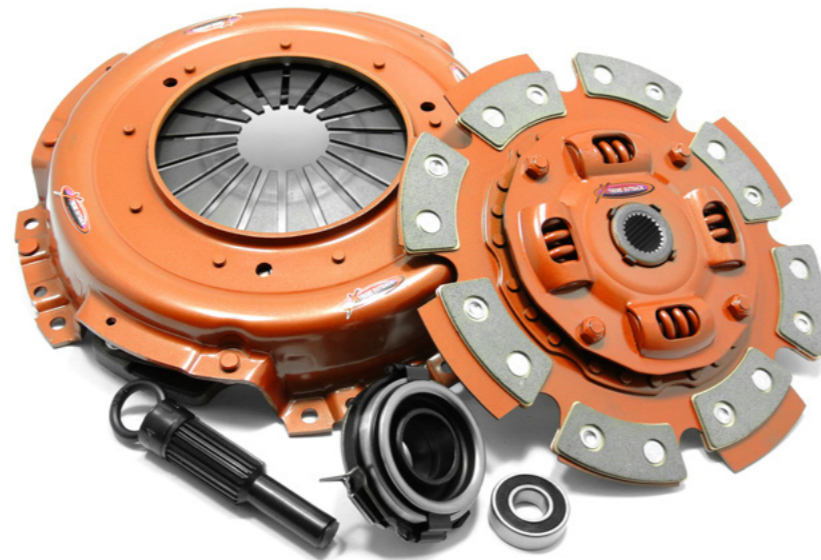
• Off-Road Performance



Stage 2 - Sprung Ceramic Clutch Kit /-1B

What's Inside

- High quality pressure plate with increased clamping force
- 15-40% increase in clamping force (Application Specific)
- Ceramic "paddle" friction disc



Recommended For

High speed 4x4 trial or desert race

Stage 2 - Cushioned Ceramic Clutch Kit /-1C

What's Inside

- High quality pressure plate with increased clamping force
- 15-40% increase in clamping force (Application Specific)
- Cushioned ceramic friction disc
- Provides a similar working temperature range as '1B' discs with smoother engagement.



Recommended For

Low speed trial (high temperature operation)

Stage 2R - Sprung Ceramic Clutch Kit /-1R

What's Inside

- High quality pressure plate with extra high clamping force
- 75-120% increase in clamping force (Application Specific)
- High quality anti-burst pressure plate casting
- Ideal for racing use
- Ceramic "paddle" friction disc



Recommended For

Competition vehicles also driven on the road

Ceramic Race Series - 230mm Twin Plate Ceramic

What's Inside

- Designed specifically for serious motorsport applications
- Optimal heat & torque capacity
- Motorsport pressure plate, lightweight chromoly flywheel, two ceramic 230mm "button style" clutch discs and intermediate plate



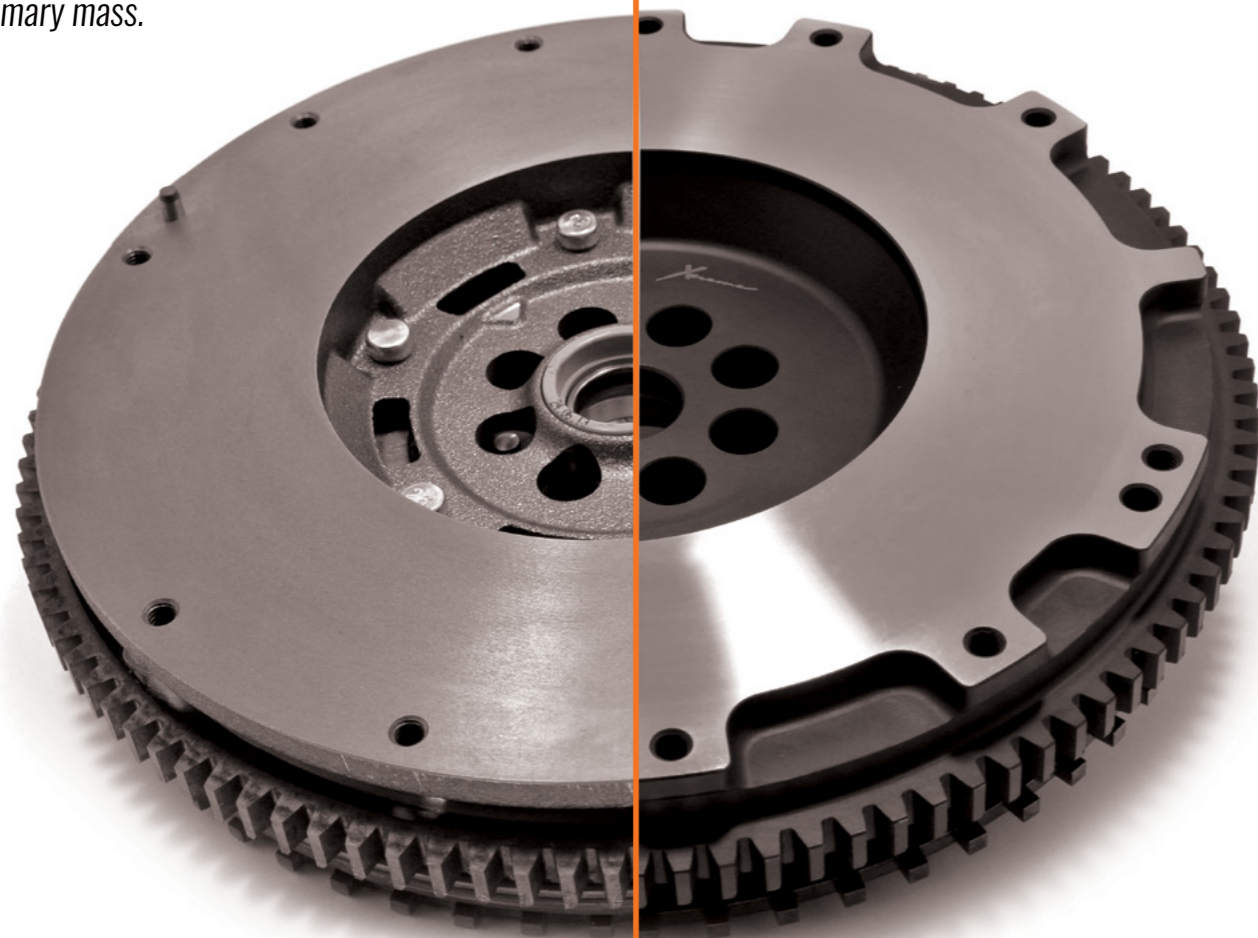
Recommended For

Motorsport applications with extensive horsepower and torque requirements.

Dual Mass & Single Mass Flywheels

Dual Mass Flywheels (DMF)

Made from two parts, a primary mass and a secondary mass which has a sprung connection to the primary mass.



- Two sprung masses that absorb rotational engine vibration
- Reduces the amount of NVH transmitted through to the cabin
- Smoother driving experience

Single Mass Flywheels (SMF)

Made from one main mass that is connected to the engine via the crankshaft.

DMF to SMF conversions

Single mass flywheel conversions are designed to replace the factory dual mass assembly with a single mass flywheel whilst minimising any noise and vibration that the original dual mass flywheel removes.



- Made from one main mass
- Can be resurfaced and reused
- Designed & built for heavy duty applications

Xtreme Outback single mass conversion kits have been individually developed and are able to achieve significant vibration and noise reduction compared to conventional single mass conversions, often by utilising a wide angle damper and silent type idle noise suppression springs.

At Xtreme Outback, the design and testing of single mass conversions is done in-house. This gives a great understanding of how the product performs under the toughest of conditions.

Note:
Dual mass flywheels should not be resurfaced. Because of the movement in the facing of a DMF, it is near impossible to guarantee a flat friction surface after machining.



PART NUMBERING SYSTEM

K NI 24 5 49 - 1 A

Plate Qty	Number of Clutch Plates
-1	Single Plate
-2	Twin Plate

SEQUENCE NUMBER

SERIES CODE
 0 = STANDARD KIT
 4 = KIT INC CSC
 5 = KIT INC FLYWHEEL
 6 = KIT INC FLYWHEEL & CSC

OUTSIDE DIAMETER CODE (CM)
 20 CM
 24 CM
 30 CM

MANUFACTURER CODE

Abbreviation	Description
DA	Daihatsu
FD	Ford
FT	Foton
GW	Great Wall
GM	Holden
IZ	ISUZU
JE	Jeep
LR	Land Rover
MZ	Mazda
MI	Mitsubishi
NI	Nissan
SU	Subaru
SZ	Suzuki
TY	Toyota

CLUTCH KIT

Type of Kit	Description
A	Sprung Organic
B	Sprung Ceramic
C	Cushioned Ceramic
E	Rigid Solid Ceramic
R	Ceramic Race Single

Technical question?

Our ClutchTech range of technical videos might be able to answer your question. Just scan the QR code below or visit our YouTube Channel, otherwise please email Xtreme Outback at sales@xtremeoutback.com.au

Technical Videos



Scan this QR code with your smart phone to access the ClutchTech video series



australianclutch.com.au/clutch-tech/tech-videos

Here are just some of the ClutchTech videos available

- VDJ76, VDJ78 and VDJ79 LandCruiser gearbox cleaning and lubrication guide
- Dual mass flywheel failure
- D40 Navara clutch installation tips
- Dual mass flywheel information
- Clutch fork installation for TB32009 & TB32025 bearings
- Dual mass flywheel tools

Subscribe to the channel for more updates



What about product warranty?

Our warranty terms and conditions can be found on our website.
<http://www.xtremeoutback.com.au/en/resources/warranty>

For more information please contact us

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VEHICLE	MODEL	ENGINE	Stage 1 Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 1 Extra HD Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Extra HD Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Extra HD Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Special Notes	
Daihatsu																												
Feroza	F300	HDE 1.6L	KDA20001-1A	230/ 170	530KG	30%																						
	F310 SX	HDE 1.6L	KDA20001-1A	230/ 170	530KG	30%																						
Rocky	F70, F73 (SWB)	DL / DLT	KDA24002-1A	330/ 240	640KG	50%					KDA24002-1C	500/ 370	640KG	50%					KDA24002-1B	500/ 370	640KG	50%						
	F75 / F75 TURBO	DL / DLT	KDA24002-1A	330/ 240	640KG	50%					KDA24002-1C	500/ 370	640KG	50%					KDA24002-1B	500/ 370	640KG	50%						
	F77, F78 S/WAGON	DL / DLT	KDA24002-1A	330/ 240	640KG	50%					KDA24002-1C	500/ 370	640KG	50%					KDA24002-1B	500/ 370	640KG	50%						
	F80, F85, F87	3YC	KTY24002-1A	360/ 270	700KG	40%					KTY24002-1C	550/ 410	700KG	40%					KTY24002-1B	550/ 410	700KG	40%						
Fiat																												
Fullback	2.4L Turbo Diesel 5/15- (133kw model)	4N15	KMI28690-1A	540/ 400	1550KG																						SMF Conversion Kit incl. C/moly F/W, CSC, P/P & F/W Bolts (Converts OE DMF Kit)	
Ford																												
Courier	2.5L Diesel, 95-99	WL	KFD24013-1A	310/ 230	700KG	30%																						
Econovan	2.5L Diesel, 96-05	WL	KFD24013-1A	310/ 230	700KG	30%																						
Ranger	PJ, PK 2.5L / 3.0L Turbo Diesel 1/07-8/11	WLAT / WEAT	KFD25525-1A	520/ 380	1100KG	20%													KFD25525-1B	790/ 580	1100KG	20%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)	
	XL, XLS 2.2 Turbo Diesel 9/11-	P4AT	KFD27412-1A	830/ 610	1550KG																						Complete Kit incl. CSC	
	Supercab, XL, XLS, XLT, Wildtrak 3.2L Turbo Diesel 9/11-	P5AT	KFD27412-1A	830/ 610	1550KG																						Complete Kit incl. CSC	
	XL 2.5L Petrol 9/11-5/15	DPAT																									*Coming soon	
Foton																												
Tunland	2.8L Diesel	CUM ISF	KFT28001-1A	440/ 320	1100KG	40%																						
Great Wall																												
V200	All models, 2.0L	GW4D20	KGW25001-1A	480/ 350	1050KG	30%																					OE Solid Flywheel (Kit KGW25501-1A is a HD Kit incl. F/W)	
V240	All models	4G69S4N	KGW23001-1A	230/ 170	600KG	30%					KGW23001-1C	410/ 300	600KG	30%					KGW23001-1B	410/ 300	600KG	30%						
Holden																												
Colorado (Chevrolet Trailblazer)	LT-R, LX, LX-R, 3.0L Turbo Diesel 7/08-5/12	4J11TC	KIZ28006-1A	460/ 340	900KG	35%					KIZ28006-1C	700/ 520	900KG	35%					KIZ28006-1B	700/ 520	900KG	35%					OE Solid Flywheel	
	LS, LT, LX, 2.8L Turbo Diesel 6/12-	LWH	KGM29690-1A	670/ 490	1380KG	45%																					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)	
Frontera	3.2L V6 Petrol	6VD1	KGM26010-1A	360/ 270	740KG	15%													KGM26010-1B	540/ 400	740KG	15%						
Jackaroo / Monterey (Isuzu Trooper)	3.0L Turbo Diesel	4JX1T	KGM28530-1A	460/ 340	900KG	20%													KGM28530-1B	700/ 520	900KG	20%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
	3.2L V6 Petrol	6VD1	KGM26010-1A	360/ 270	740KG	15%													KGM26010-1B	540/ 400	740KG	15%					Pull Type Clutch	
	3.5L V6 Petrol	6VE1	KGM28004-1A	460/ 340	900KG	20%					KGM28004-1C	700/ 520	900KG	20%					KGM28004-1B	700/ 520	900KG	20%					Pull Type Clutch	
Rodeo Diesel (Isuzu TF, Fuego, KB)	3.0L RA Turbo-Intercooled Diesel	4J11	KGM25003-1A	300/ 220	730KG	20%					KGM25003-1C	450/ 330	730KG	20%					KGM25003-1B	450/ 330	730KG	20%						
	3.0L RA VCDi Turbo Diesel VIN#TR85 - SMF	4J11	KIZ28006-1A	460/ 340	900KG	35%					KIZ28006-1C	700/ 520	900KG	35%					KIZ28006-1B	700/ 520	900KG	35%					OE Solid Flywheel	
			KGM28530-1A	460/ 340	900KG	20%													KGM28530-1B	700/ 520	900KG	20%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
Rodeo Petrol (Isuzu TF, Fuego, KB)	3.2L V6 R9	6VD1	KGM26010-1A	360/ 270	740KG	15%													KGM26010-1B	540/ 400	740KG	15%					Pull Type Clutch	
	3.5L V6 RA	6VE1	KGM28004-1A	460/ 340	900KG	20%					KGM28004-1C	700/ 520	900KG	20%					KGM28004-1B	700/ 520	900KG	20%						
	3.6L V6 RA Alloytech	LCA Alloytech	KGM26632-1A	630/ 460	1000KG	30%													KGM26632-1B	960/ 710	1000KG	30%					SMF Conversion Kit incl. C/moly F/W, CSC, P/P & F/W Bolts (Converts OE DMF Kit)	
Isuzu																												
D-MAX (MU-7 / Alterra)	1.9L Turbo Diesel (TFR/ TFS87) (Thailand) 1/15-	RZ4E-TC	KIZ28009-1A	490/ 360	915KG	15%													KIZ28009-1B	740/ 550	915KG	15%	KIZ28009-1BX	810/ 600	TBC		Push Type Clutch	
	2.5L Turbo Diesel (TFR/ TFS86) 85kw model 6/12-	4JK1-TC	KIZ25003-1A	300/ 220	730KG	20%					KIZ25003-1C	450/ 330	730KG	20%					KIZ25003-1B	450/ 330	730KG	20%	KIZ25003-1BX	630/ 460	800KG	35%	Push Type Clutch	
	2.5L Turbo Diesel (TFR/ TFS86) 100kw model 6/12-																											
	2.5L Turbo Diesel (TFR/ TFS86) 120kw model (Euro 5 Spec Engine) 6/12-	4JK1E5-TC	KIZ28017-1A	490/ 360	915KG	15%													KIZ28017-1B	740/ 550	915KG	15%	KIZ28017-1BX	810/ 600	TBC		Push Type Clutch	
	2.5L Turbo Diesel 6/12-	4J11	KIZ28007-1A	490/ 360	915KG	15%														KIZ28007-1B	740/ 550	915KG	15%	KIZ28007-1BX	810/ 600	TBC		Push Type Clutch
			KIZ28507-1A	490/ 360	915KG	15%															KIZ28507-1B	740/ 550	915KG	15%	KIZ28507-1BX	810/ 600	TBC	
	3.0L Turbo Diesel -5/12	4J11	KIZ28006-1A	460/ 340	900KG	35%					KIZ28006-1C	700/ 520	900KG	35%					KIZ28006-1B	700/ 520	900KG	35%					OE Solid Flywheel	
	3.0L Turbo Diesel 6/12-	4J11	KIZ28007-1A	490/ 360	915KG	15%														KIZ28007-1B	740/ 550	915KG	15%	KIZ28007-1BX	810/ 600	TBC		Push Type Clutch
			KIZ28507-1A	490/ 360	915KG	15%															KIZ28507-1B	740/ 550	915KG	15%	KIZ28507-1BX	810/ 600	TBC	



VEHICLE	MODEL	ENGINE	Stage 1 Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 1 Extra HD Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp Kg	%-inc.	Special Notes	
Jeep																												
Cherokee	4.0L Petrol	ERH 16 / MX 16	KJE26001-1A	490/ 360	1050KG	20%					KJE26001-1C	740/ 550	1050KG	20%					KJE26001-1B	740/ 550	1050KG	20%						
	2.8L Turbo Diesel 3/08-1/12	ENS 14	KJE27511-1A	510/ 380							KJE27511-1A	770/ 570	1000KG	20%													SMF Conversion Kit incl. C/moly F/W & P/P Bolts (Converts OE DMF Kit)	
Grand Cherokee	4.0L Petrol	ERH 16 / MX 16	KJE26001-1A	490/ 360	1050KG	20%					KJE26001-1C	740/ 550	1050KG	20%					KJE26001-1B	740/ 550	1050KG	20%						
Wrangler	Unlimited, Rubicon, Sport 3.6L Petrol 2/12-	ERB V6	KJE28006-1A	730/ 540	815KG	20%																						
	4.0L Petrol	MX 16	KJE26001-1A	490/ 360	1050KG	20%					KJE26001-1C	740/ 550	1050KG	20%					KJE26001-1B	740/ 550	1050KG	20%						
	2.8L Turbo Diesel 3/07-1/11	ENS 14	KJE27511-1A	510/ 380							KJE27511-1A	770/ 570	1000KG	20%												SMF Conversion Kit incl. C/moly F/W & P/P Bolts (Converts OE DMF Kit)		
Landrover																												
Defender	2.5L Turbo Diesel 4WD, 92-00	11L	KLR24006-1A	360/ 270	950KG	30%																						
	2.2L Turbo Diesel 4WD, 1/12- (Series 90/110/130)	DT244	KLR26623-1A	520/ 380	1100KG	36%																					OE Solid Flywheel (HD Kit incl. Flywheel KLR26623-1A)	
	2.4L Turbo Diesel 4WD, 10/07-1/12 (Series 90/110/130)	244DT	KLR26623-1A	520/ 380	1100KG	36%																					OE Solid Flywheel (HD Kit incl. Flywheel KLR26623-1A)	
Discovery	2.5L Turbo Diesel 4WD, 95-02	11L	KLR24006-1A	360/ 270	950KG	30%																						
	4.0L V8 Petrol, 93-05	56D	KLR27003-1A	540/ 400	1040KG	35%					KLR27003-1C	810/ 600	1040KG	35%					KLR27003-1B	810/ 600	1040KG	35%						
Mazda																												
BT50	2.5L / 3.0L 11/06-10/11	WLAT / WEAT	KFD25525-1A	520/ 380	1100KG	20%													KFD25525-1B	790/ 580	1100KG	20%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)	
	XT 2.2L Turbo Diesel 11/11-	P4AT	KFD27412-1A	830/ 610	1550KG																						Complete Kit incl. CSC	
	GT, XT, XTR FREESTYLE 3.2L Turbo Diesel 1/11-	P5AT	KFD27412-1A	830/ 610	1550KG																						Complete Kit incl. CSC	
B2500	2.5L Turbo Diesel, 4WD/ RWD 2/99-	WLAT	KMZ25002-1A	310/ 230	700KG	30%					KMZ25002-1C	470/ 350	700KG	30%														
Mitsubishi																												
Challenger (Montero Sport, Nativa)	K94, 2.5L Diesel 4WD 96-98	4D56T	KMI23006-1A	310/ 230	650KG	15%					KMI23006-1C	430/ 320	650KG	15%					KMI23006-1B	430/ 320	650KG	15%						
	K96 PA, 3.0L Petrol -8/00	6G72	KMI24002-1A	320/ 240	700KG	20%																						
	K96 PA, 3.0L Petrol 9/00-	6G72	KMI24005-1A	320/ 240	700KG	20%																						
	K99, 3.5L Petrol 8/97-	6G74	KMI25001-1A	540/ 400	1150KG	50%																						
Delica	Spacegear, 3.0L V6 Petrol 4WD/RWD	6G72	KMI24002-1A	320/ 240	700KG	20%					KMI24002-1C	490/ 360	700KG	20%					KMI24002-1B	490/ 360	700KG	20%						
	2.5L Turbo/Diesel 4WD/RWD	4D56T	KMI23006-1A	310/ 230	650KG	15%					KMI23006-1C	430/ 320	650KG	15%					KMI23006-1B	430/ 320	650KG	15%						
Pajero Diesel (Shogun)	V47, ND/NE/NF/NG 2.5L Turbo Diesel	4D56T	KMI23017-1A	280/ 210	750KG	30%																						
	V78W NM 3.2L Turbo Diesel	4M41	KMI28506-1A	490/ 360	1000KG	20%													KMI28506-1B	740/ 550	1000KG	20%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
	V78W NP 3.2L Turbo Diesel	4M41	KMI28506-1A	490/ 360	1000KG	20%													KMI28506-1B	740/ 550	1000KG	20%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
	V98W NS 3.2L Turbo Diesel	4M41	KMI28506-1A	490/ 360	1000KG	20%													KMI28506-1B	740/ 550	1000KG	20%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
	V88W Turbo Diesel 3.2L 3/09-	4M41T	KMI28002-1A	490/ 360	1000KG	20%																					Complete Kit to suit DMF	
	V98W Turbo Diesel 3.2L 10/08-	4M41T	KMI28506-1A	490/ 360	1000KG	20%													KMI28506-1B	740/ 550	1000KG	20%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
Pajero Petrol (Shogun)	iO 2.0L Petrol	4G93	KMI22012-1A	240/ 180	600KG	30%																						
	ND, NE, NF, NG, NH 2.6L Petrol Carb.	4G54	KMI23004-1A	270/ 200	600KG	30%					KMI23004-1C	410/ 300	600KG	30%					KMI23004-1B	410/ 300	600KG	30%						
	NF, NG, NH, NJ, NK 3.0L V6 Petrol EFI	6G72	KMI24002-1A	320/ 240	700KG	20%					KMI24002-1C	490/ 360	700KG	20%					KMI24002-1B	490/ 360	700KG	20%						
	NS 3.8L Petrol	6G75	KMI25009-1A	450/ 330	1150KG														KMI25009-1B	680/ 500	1150KG						Complete Kit incl. OE Rigid Flywheel	
Triton Diesel (L200)	MJ 2.8L Turbo Diesel	4M40	KMI25002-1A	540/ 400	1150KG	50%					KMI25002-1C	820/ 600	1150KG	50%					KMI25002-1B	820/ 600	1150KG	50%						
	KH, KJ, KM 2.5L Turbo Diesel	4D56T	KMI23006-1A	310/ 230	750KG	30%					KMI23006-1C	430/ 320	750KG	30%					KMI23006-1B	430/ 320	750KG	30%						
	MN 2.5L Turbo Diesel 9/09-	4D56T	KMI25013-1A	400/ 300	880KG	25%																						
	ML, MN 2.5L Turbo Diesel	4D56T	KMI25008-1A	420/ 310	800KG	30%																						
	ML 3.2L Turbo Diesel 7/08-	4M41	KMI28005-1A	380/ 280	720KG																							OE Solid Flywheel (Kit KMI28591-1A is a HD Kit incl. F/W)
	MQ 2.4L Turbo Diesel 5/15-	4N15	KMI28690-1A	540/ 400	1550KG																						SMF Conversion Kit incl. C/moly F/W, CSC, P/P & F/W Bolts (Converts OE DMF Kit)	
Triton Petrol (L200)	MF, MG, MH, MJ 2.6L Petrol Carb.	4G54	KMI23004-1A	270/ 200	600KG	30%					KMI23004-1C	410/ 300	600KG	30%					KMI23004-1B	410/ 300	600KG	30%						



VEHICLE	MODEL	ENGINE	Stage 1 Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 1 Extra HD Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Extra HD Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Extra HD Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Special Notes	
Mitsubishi																												
Triton Petrol (L200)	MH, MJ, MK 3.0L V6 Petrol EFI	6G72	KMI24002-1A	320/ 240	700KG	20%					KMI24002-1C	490/ 360	700KG	20%					KMI24002-1B	490/ 360	700KG	20%						
	ML 3.5L Petrol	6G74	KMI25007-1A	400/ 300	800KG	30%													KMI25007-1B	600/ 440	800KG	30%						
Nissan																												
Navara Diesel (Pick-up / Frontier)	D21 2.5L Diesel, 1985 onwards	SD25	KNI23002-1A	350/ 260	750KG	50%					KNI23002-1C	530/ 390	750KG	50%					KNI23002-1B	530/ 390	750KG	50%						
	D22 3.0L Turbo Diesel	ZD30DT	KNI25006-1A	480/ 350	1050KG	30%					KNI25006-1C	730/ 540	1050KG	30%					KNI25006-1B	730/ 540	1050KG	30%						
	D22 3.2L Turbo Diesel	QD32	KNI25004-1A	370/ 270	800KG	45%					KNI25004-1C	560/ 410	800KG	45%					KNI25004-1B	600/ 440	800KG	45%					OE Solid Flywheel	
	D22 2.5L Turbo Diesel	YD25DDTI	KNI25016-1A	480/ 350	1050KG	30%					KNI25016-1C	730/ 540	1050KG	30%													OE Solid Flywheel	
	D40 2.5L TD -5/10 126/128kw eng.	YD25DDTI	KNI25509-1A	620/ 460	1250KG	25%						KNI25509-1C	940/ 690	1250KG	25%					KNI25509-1B	940/ 690	1250KG	25%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)
	D40 2.5L TD 5/10- 140kw eng.	YD25DDTI	KNI28518-1A	620/ 460	1200KG	15%																						SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)
	D23 2.3L NP300 TD 5/15-120kw eng.	YS23DDT	KNI28019-1A	560/ 410	1050KG	20%																						OE Solid Flywheel
Navara Petrol (Pick-up / Frontier)	D22 2.4L Petrol	KA24DE	KNI24017-1A	380/ 280	650KG	30%					KNI24017-1C	570/ 420	650KG	30%					KNI24017-1B	570/ 420	650KG	30%						
	D22 3.0L Petrol	VG30	KNI26001-1A	380/ 280	660KG	15%					KNI26001-1C	480/ 350	660KG	15%					KNI26001-1B	480/ 350	660KG	15%						
	D22 3.3L Petrol	VG33E	KNI25008-1A	380/ 280	800KG	20%					KNI25008-1C	790/ 580	800KG	20%					KNI25008-1B	790/ 580	800KG	20%						
	D23 2.5L NP300 Petrol 5/15-122kw eng.	QR25DE	KNI25526-1A	420/ 310	1240KG	60%																						SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)
	D40 4.0L Petrol	VQ40DE	KNI28515-1A	560/ 410	1100KG	40%					KNI28515-1C		1100KG	40%					KNI28515-1B	850/ 630	1100KG	40%						SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)
Pathfinder Diesel	R50 3.0L Turbo Diesel	ZD30DDTI	KNI25006-1A	480/ 350	1050KG	30%					KNI25006-1C	730/ 540	1050KG	30%					KNI25006-1B	730/ 540	1050KG	30%					OE Solid Flywheel	
	R51 2.5L Turbo Diesel	YD25DDTI	KNI25509-1A	620/ 460	1250KG	25%					KNI25509-1C	940/ 690	1250KG	25%					KNI25509-1B	940/ 690	1250KG	25%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)	
Patrol Diesel	GQ 2.8L Turbo Diesel (Y60)	RD28TI	KNI24004-1A	380/ 280	650KG	30%					KNI24004-1C	570/ 420	650KG	30%														
	GU 2.8L Turbo Diesel	RD28TI	KNI24008-1A	380/ 280	850KG	25%					KNI24008-1C	570/ 420	850KG	25%														Complete Kit to suit DMF
			KNI24530-1A	380/ 280	850KG	25%					KNI24530-1C	570/ 420	850KG	25%					KNI24530-1B	570/ 420	850KG	25%					SMF Conversion Kit incl. C/moly F/W & P/P Bolts (Converts OE DMF Kit)	
	GU 3.0L Turbo Diesel -7/04	ZD30DDTI	KNI28509-1A	440/ 320	1100KG	40%					KNI28509-1C	670/ 490	1100KG	40%					KNI28509-1B	670/ 490	1100KG	40%					SMF Conversion Kit incl. C/moly F/W & P/P Bolts (Converts OE DMF Kit)	
Patrol Diesel	GU 3.0L Turbo Diesel 8/04-	ZD30DDTI	KNI28514-1A	560/ 410	1100KG	40%					KNI28514-1C	850/ 630	1100KG	40%					KNI28514-1B	850/ 630	1100KG	40%					SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
	GU 4.2L Turbo Diesel 1/99-	TD42	KNI28017-1A	440/ 320	1100KG	40%					KNI28017-1C	670/ 490	1100KG	40%					KNI28017-1B	670/ 490	1100KG	40%					OE Solid Flywheel	
			KNI28590-1AX	760/ 560	1300KG	55%					KNI28590-1CX	1140/ 840	1300KG	55%					KNI28590-1BX	1140/ 840	1300KG	55%					Extra-Heavy Duty Kit suit ACS Flywheel only (Increased Clamp Load)	
Patrol Diesel	MQ 3.3L Turbo Diesel	SD33	KNI24004-1A	380/ 280	650KG	30%					KNI24004-1C	570/ 420	650KG	30%					KNI24004-1B	570/ 420	650KG	30%						
		SD33	KNI24006-1A	380/ 280	850KG	70%					KNI24006-1C	580/ 430	850KG	70%					KNI24006-1B	580/ 430	850KG	70%					Hi Rise Diaphragm	
		SD33T	KNI28001-1A	440/ 320	900KG	30%					KNI28001-1C	690/ 510	900KG	30%					KNI28001-1B	690/ 510	900KG	30%						
Patrol Petrol	GQ 4.2L Petrol	TB42	KNI28001-1A	440/ 320	900KG	30%					KNI28001-1C	690/ 510	900KG	30%					KNI28001-1B	690/ 510	900KG	30%						
	GU 4.5L Petrol	TB45E	KNI28007-1A	440/ 320	1100KG	40%					KNI28007-1C	670/ 490	1100KG	40%					KNI28007-1B	670/ 490	1100KG	40%						
	GU 4.8L Petrol	TB48DE	KNI30001-1A	640/ 470	1100KG	30%													KNI30001-1B	960/ 710	1100KG	30%						
	Y62 5.6L V8	VK56DE	KNI29590-1A	760/ 560																							SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
Terrano	R20 2.4L Petrol	KA24E	KNI24012-1A	380/ 280	650KG	30%					KNI24012-1C	570/ 420	650KG	30%					KNI24012-1B	570/ 420	650KG	30%						
	R20 2.7L Turbo Diesel	TD27TI	KNI24009-1A	320/ 240	650KG	25%					KNI24009-1C	480/ 350	650KG	25%														
	R50 2.7L Turbo Diesel (Intercooled)	TD27ETI	KNI25002-1A	380/ 280	800KG	20%																						
X-Trail	D21 2.7L Diesel	TD27	KNI24018-1A	320/ 240	650KG	25%					KNI24018-1C	480/ 350	650KG	25%					KNI24018-1B	480/ 350	650KG	25%						
	T30, 2.2L Diesel 4WD	YD22DDTI	KNI24549-1A	480/ 350																							SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)	
	T30, 2.5L Petrol 4WD	QR25DE	KNI24025-1A	350/ 260	750KG																						Complete Kit to suit DMF	
KNI24535-1A			350/ 260	750KG																							SMF Conversion Kit incl. C/moly F/W & F/W Bolts (Converts OE DMF Kit)	
Renault																												
Alaskan	D23 2.3L TD 5/15- 120kw eng.	YS23DDT	KNI28019-1A	560/ 410	1050KG	20%																					OE Solid Flywheel	
	D23 2.5L Petrol 5/15- 122kw eng.	QR25DE	KNI25526-1A	420/ 310	1240KG	60%																						SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)



VEHICLE	MODEL	ENGINE	Stage 1 Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 1 Extra HD Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Special Notes			
Subaru																														
Forester	SG9 2.5L Non-Turbo	EJ251 / EJ253	KSU23520-1A	280/ 210	600KG	30%					KSU23520-1C	430/ 320	600KG	30%					KSU23520-1B	430/ 320	600KG	30%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)			
			KSU23016-1A	360/ 270	830KG	60%		KSU23016-1C	540/ 400	830KG	60%		KSU23016-1B	540/ 400	830KG	60%												OE Solid Flywheel		
	SG9 2.5L Turbo, XT models 7/05- (Push-Type)	EJ255	KSU23015-1A	460/ 340	1050KG	25%						KSU23015-1C	700/ 520	1050KG	25%					KSU23015-1B	700/ 520	1050KG	25%							
			KSU23006-1A	560/ 410	1150KG	40%		KSU23006-1C	840/ 620	1150KG	40%		KSU23006-1B	840/ 620	1150KG	40%														
Outback (Legacy)	BG9 2.5L Non-Turbo	EJ25D	KSU23008-1A	330/ 240	750KG	40%					KSU23008-1C	500/ 370	750KG	40%					KSU23008-1B	500/ 370	750KG	40%								
			BH9 2.5L -12/05	EJ251	KSU23520-1A	280/ 210	600KG	30%					KSU23520-1C	430/ 320	600KG	30%					KSU23520-1B	430/ 320	600KG	30%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)	
	BR9 2.5L 9/09-	EJ253			KSU23520-1A	280/ 210	600KG	30%					KSU23520-1C	430/ 320	600KG	30%					KSU23520-1B	430/ 320	600KG	30%					SMF Conversion Kit incl. C/moly F/W, P/P & F/W Bolts (Converts OE DMF Kit)	
			KSU23016-1A	360/ 270	830KG	60%		KSU23016-1C	540/ 400	830KG	60%		KSU23016-1B	540/ 400	830KG	60%												OE Solid Flywheel		
Suzuki																														
Jimny (Samurai)	JB33W, JB33V JB33C, JB43V	G13BB/M13A	KSZ19007-1A	250/ 180	550KG	60%					KSZ19007-1C	370/ 270	550KG	60%					KSZ19007-1B	370/ 270	550KG	60%								
			SJ50	G13B	KSZ19001-1A	170/ 130	450KG	30%					KSZ19001-1C	250/ 180	450KG	30%					KSZ19001-1B	250/ 180	450KG	30%						
			SJ50	G13A	KSZ19002-1A	250/ 180	550KG	60%					KSZ19002-1C	370/ 270	550KG	60%					KSZ19002-1B	380/ 280	550KG	60%						
Sierra	SJ70V	G13BA	KSZ19001-1A	170/ 130	450KG	30%					KSZ19001-1C	250/ 180	450KG	30%					KSZ19001-1B	250/ 180	450KG	30%								
			KSZ19004-1A	250/ 180	550KG	60%		KSZ19004-1C	370/ 270	550KG	60%		KSZ19004-1B	370/ 270	550KG	60%														
	SJ80, SJ80V	G13BA	KSZ19004-1A	250/ 180	550KG	60%					KSZ19004-1C	370/ 270	550KG	60%					KSZ19004-1B	370/ 270	550KG	60%								
			KSZ20001-1A	220/ 160	400KG	20%																							SWB 2200mm Wheel Base	
Vitara	1.6L Petrol, 91-00 Series: SE416 (4WD)	G16B	KSZ22001-1A	240/ 180	600KG	30%					KSZ22001-1C	370/ 270	600KG	30%					KSZ22001-1B	370/ 270	600KG	30%						LWB 2480mm Wheel Base		
			KSZ22002-1A	240/ 180	600KG	30%																								
Grande Vitara	1.6L Petrol, 98-05 Series: SQ416 (4WD)	G16B	KSZ22002-1A	240/ 180	600KG	30%																								
Toyota																														
4 Runner Petrol	RN130 2.4L 01/94-	22R	KTY24008-1A	360/ 270	700KG	40%																								
	VZN130 3.0L	3VZE	KTY24005-1A	400/ 300	820KG	30%					KTY24005-1C	570/ 420	820KG	30%					KTY24005-1B	610/ 450	820KG	30%								
4 Runner Diesel	LN60, LN61 2.5L	2L	KTY23001-1A	290/ 210	700KG	30%					KTY23001-1C	430/ 320	700KG	30%					KTY23001-1B	430/ 320	700KG	30%								
	LN130 2.8L	3L	KTY24001-1A	270/ 200	700KG	40%					KTY24001-1C	480/ 350	700KG	40%					KTY24001-1B	410/ 300	700KG	40%								
Bundera Petrol	RJ70 2.4L -8/88	22R	KTY23001-1A	290/ 210	700KG	30%					KTY23001-1C	430/ 320	700KG	30%					KTY23001-1B	430/ 320	700KG	30%								
	RJ70 2.4L 9/88-	22R	KTY23005-1A	290/ 210	700KG	30%					KTY23005-1C	430/ 320	700KG	30%					KTY23005-1B	430/ 320	700KG	30%								
Bundera Diesel	LJ70RV 2.5L -3/90	2LT	KTY23005-1A	290/ 210	700KG	30%					KTY23005-1C	430/ 320	700KG	30%					KTY23005-1B	430/ 320	700KG	30%								
	LJ70RV 2.5L 4/90-	2LT	KTY24008-1A	360/ 270	700KG	40%					KTY24008-1C	550/ 410	700KG	40%					KTY24008-1B	550/ 410	700KG	40%								
FJ Cruiser	GSJ15R	1GRFE	KTY28034-1A	540/ 400	1030KG	25%													KTY28034-1B	810/ 600	1030KG									
Fortuner	Crusade, GX, GXL, GUN156 2.8L Turbo Diesel 4WD 11/15-	1GDFTV	KTY28028-1A	520/ 380	990KG	15%																								
Hiace	KLH28 2.5L Turbo Diesel	2KDFTV	KTY26011-1A	400/ 300	800KG	40%																								
Hilux Diesel (Revo/Vigo)	KDN165 2.5L Turbo Diesel 4WD	2KDFTV	KTY26011-1A	400/ 300	800KG	40%																								
			KTY25005-1A	410/ 300	800KG	30%																							Complete Kit to suit DMF	
	KZN130 3.0L Turbo Diesel 4WD	1KZTE	KTY25503-1A	410/ 300	800KG	30%																								SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)
			KTY26017-1A	410/ 300	800KG	30%																								
	KZN165 3.0L Turbo			KTY26003-1A	400/ 300	800KG	40%													KTY26003-1B	610/ 450	800KG	40%							
	KUN16 3.0L Turbo Diesel	1KDFTV		KTY26010-1A	370/ 270	800KG	40%													KTY26010-1B	610/ 450	800KG	40%							
	KUN16/26 3.0L Turbo Diesel 3/05-7/08	1KDFTV	KTY26010-1A	370/ 270	800KG	40%															KTY26010-1B	610/ 450	800KG	40%						
			KTY28540-1A	440/ 320	980KG	20%															KTY28540-1B	660/ 490	980KG	20%					OE Solid Flywheel (280mm Upgraded Clutch Kit incl. C/moly F/W, P/P & F/W Bolts)	
KUN16/26 3.0L Turbo Diesel 7/08-	1KDFTV		KTY28040-1A	440/ 320	980KG	20%																								
2.5L/3.0L Turbo Diesel (Vigo)	2KDFTV/1KDFTV		KTY28040-1A	440/ 320	980KG	20%																								



VEHICLE	MODEL	ENGINE	Stage 1 Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 1 Extra HD Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp Kg	%-inc.	Special Notes			
Toyota																														
Hilux Diesel (Revo/Vigo)	KUN126 3.0L Turbo Diesel RWD 10/15-	1KDFTV	KTY28038-1A	440/ 320	980KG	15%													KTY28038-1B	660/ 490	980KG	15%					(South East Asia model)			
			KTY28538-1A	440/ 320	980KG	15%					KTY28538-1B	660/ 490	980KG	15%															Kit incl. Flywheel	
	GUN125 2.4L Turbo Diesel 4WD 10/15-	2GDFTV	KTY28028-1A	520/ 380	990KG	15%														KTY28028-1B	790/ 580	990KG	15%					Export Kit KTY28042-1*		
	GUN126 2.8L Turbo Diesel 4WD 10/15-	1GDFTV	KTY28028-1A	520/ 380	990KG	15%														KTY28028-1B	790/ 580	990KG	15%					Export Kit KTY28042-1*		
	GUN136 2.8L Turbo Diesel RWD 10/15-	1GDFTV	KTY28028-1A	520/ 380	990KG	15%														KTY28028-1B	790/ 580	990KG	15%					Export Kit KTY28042-1*		
	GUN122 2.4L Turbo Diesel RWD 10/15-	1GDFTV	KTY28028-1A	520/ 380	990KG	15%														KTY28028-1B	790/ 580	990KG	15%					Export Kit KTY28042-1*		
	GUN123 2.8L Turbo Diesel RWD 10/15-	1GDFTV	KTY28038-1A	440/ 320	980KG	15%														KTY28038-1B	660/ 490	980KG	15%					Export Kit KTY28041-1*		
			KTY28538-1A	440/ 320	980KG	15%														KTY28538-1B	660/ 490	980KG	15%					Kit incl. Flywheel		
	LAN125L 3.0L Diesel RWD/4WD (8/05-9/15)	5LE	KTY24041-1A		700KG	40%																								
Hilux Petrol	GGN15 4.0L V6 -7/08	1GRFE	KTY26013-1A	430/ 320	900KG	20%														KTY26013-1B	660/ 490	900KG	20%							
	GGN25 4.0L V6 -7/08	1GRFE	KTY26013-1A	430/ 320	900KG	20%														KTY26013-1B	660/ 490	900KG	20%							
	GGN15 4.0L V6 7/08-	1GRFE	KTY28033-1A	480/ 350	820KG																									
	GGN25 4.0L V6 7/08-	1GRFE	KTY28033-1A	480/ 350	820KG																									
	TGN121 2.7L 7/15-	2TRFE	KTY25020-1A	320/ 240	675KG	15%																								
Innova	TGN140 2.0L 7/15-	1TRFE	KTY24093-1A	360/ 270	700KG	40%														KTY24093-1B	550/ 410	700KG	40%							
Landcruiser Diesel	BJ45, BJ75, BJ73, BJ60, BJ61, BJ70, BJ42, BJ46	3B	KTY26001-1A	380/ 280	730KG	20%																								
			KTY26001-1A	380/ 280	730KG	20%																								
	BJ41, BJ44	2B	KTY26001-1A	380/ 280	730KG	20%																								
	BJ71 / BJ74 4WD	13BT	KTY28006-1A	470/ 350	900KG	40%		KTY28006-1C	710/ 520	900KG	40%										KTY28006-1B	710/ 520	900KG	40%						
			KTY28001-1A	470/ 350	900KG	40%		KTY28001-1C	710/ 520	900KG	40%											KTY28001-1B	710/ 520	900KG	40%					(-12/88) 52mm I.D. Press on Bearing
	HJ47 / HJ50 / HJ75 / HJ60 4WD -12/88	2H	KTY28007-1A	470/ 350	900KG	40%		KTY28007-1C	710/ 520	900KG	40%											KTY28007-1B	710/ 520	900KG	40%					(1/89-) 45mm I.D. Press on Bearing
			KTY28011-1A	470/ 350	900KG	40%																							(-8/87) 5-Speed	
	HJ61	12HT	KTY28012-1A	470/ 350	900KG	40%																							(9/87-) 5-Speed	
			KTY28003-1A	470/ 350	900KG	40%		KTY28003-1C	710/ 520	900KG	40%											KTY28003-1B	710/ 520	900KG	40%					
	HZJ70 / HZJ73 / HZJ75	1HZ	KTY28013-1A	470/ 350	900KG	40%		KTY28013-1C	710/ 520	900KG	40%											KTY28013-1B	710/ 520	900KG	40%					
			KTY28005-1A	470/ 350	900KG	40%		KTY28005-1C	710/ 520	900KG	40%											KTY28005-1B	710/ 520	900KG	40%					
	HDJ78	1HDFTE	KTY30013-1A	590/ 440	1020KG	20%															KTY30013-1B	890/ 660	1020KG	20%						
			KTY30013-1A	590/ 440	1020KG	20%																KTY30013-1B	890/ 660	1020KG	20%					
	HDJ79	1HDFTE						KTY30095-1AX	750/ 550	1300KG	50%																		Extra-Heavy Duty Kit to suit OE Flywheel (Increased Clamp Load)	
			KTY30001-1A	510/ 380	850KG	15%																KTY30001-1B	890/ 660	850KG	15%					
HDJ81	1HDFTE	KTY30003-1A	510/ 380	850KG	15%															KTY30003-1B	890/ 660	850KG	15%							
		KTY30003-1A	510/ 380	850KG	15%																KTY30003-1B	890/ 660	850KG	15%						
HDJ82	1HDFTE	KTY30005-1A	590/ 440	1020KG	20%															KTY30005-1B	890/ 660	1020KG	20%							
							KTY30094-1AX	750/ 550													KTY30005-1B	890/ 660	1020KG	20%						
PZJ70, 73, 75, 77	1PZ	KTY26505-1A	380/ 280	730KG	20%																							SMF Conversion Kit incl. C/moly F/W (Converts OE DMF Kit)		
		KTY30018-1A	590/ 440	1020KG	20%																									
VDJ70, 76, 78, 79 - V8 Turbo 5-Spd	1VDFTV						KTY30521-1AX	680/ 500	1050KG	25%																		Extra-Heavy Duty Kit suit ACS Flywheel only (Increased Clamp Load)		
							KTY30093-1AX	750/ 550	1300KG	50%																		Extra-Heavy Duty Kit to suit OE Flywheel (Increased Clamp Load)		
VDJ200	1VDFTV	KTY30019-1A	590/ 440	1020KG	20%																							Extra-Heavy Duty Kit to suit OE Flywheel (Increased Clamp Load)		
							KTY30096-1AX	750/ 550	1300KG	50%																				
Landcruiser Petrol	FZJ75	1FZFE	KTY28023-1A	470/ 350	900KG	40%																								
			KTY30006-1A	510/ 380	1020KG	20%																KTY30006-1B	890/ 660	1020KG	20%					
	FZJ78	1FZFE	KTY30006-1A	510/ 380	1020KG	20%															KTY30006-1B	890/ 660	1020KG	20%						
	FZJ79		KTY30002-1A	510/ 380	850KG	15%																								
	FZJ80 -12/94	1FZFE	KTY30003-1A	510/ 380	850KG	15%																								
	FZJ80 1/95-8/96		KTY30004-1A	590/ 440	1020KG	20%																KTY30004-1B	890/ 660	1020KG	20%					
	GRJ120 4.0L V6	1GR-FE	KTY28026-1A	550/ 410	1050KG	40%																							Suits -8/2004 (5-Speed)	
KTY28027-1A			540/ 400	1030KG																	KTY28027-1B	810/ 600	1030KG						Suits 8/2004- (6-Speed)	
KTY28026-1A			550/ 410	1050KG	40%																							Suits -8/2004 (5-Speed)		
GRJ121 4.0L V6	1GR-FE	KTY28027-1A	540/ 400	1030KG																KTY28027-1B	810/ 600	1030KG						Suits 8/2004- (6-Speed)		

VEHICLE	MODEL	ENGINE	Stage 1 Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 1 Extra HD Sprung Organic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Cushioned Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage 2 Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	%-inc.	Stage2 Extra HD Sprung Ceramic	Torque Capacity Nm/ ft.lbs	Clamp Kg	%-inc.	Special Notes	
Toyota																												
Landcruiser Petrol	GRJ78 4.0L V6		KTY28031-1A	540/ 400	1030KG	40%																						
	GRJ79 4.0L V6	1GR-FE	KTY28031-1A	540/ 400	1030KG	40%																						
	GRJ200 4.0L V6		KTY28031-1A	540/ 400	1030KG	40%																						
	UZJ100 4.6L V8 5-Spd	2UZFE	KTY30017-1A	590/ 440	1020KG	20%																						
Landcruiser (Prado) Diesel	KDJ120	1KDFTV	KTY28030-1A	600/ 440	1200KG	40%																						
	KDJ150	1KDFTV	KTY28036-1A	520/ 380	1080KG	15%																						
	KDJ155		KTY28036-1A	520/ 380	1080KG	15%																						
	KZJ120	1KZTE	KTY28029-1A	530/ 390	1100KG	35%																						
	KZJ70	1KZTE	KTY26017-1A	410/ 300	800KG	30%																						
Rav 4	2.0L Turbo Diesel 4WD, 5/01-11/05	1CDFTV	KTY26004-1A	400/ 300	800KG	40%																					OE Solid Flywheel (Australian Release Only)	
			KTY26516-1A	490/ 360	950KG																							SMF Conversion Kit incl. C/moly F/W & P/P Bolts (Converts OE DMF Kit)
Volkswagen																												
Amarok	2.0L Turbo Diesel RWD/4WD, 2/11-	CDBA/CDCA/CNFB	KVV24628-1A	600/ 440																								Complete Kit to suit DMF
	2.0L Turbo Petrol RWD, 2/12-1/15	CFPA	KVV24628-1A	600/ 440																								
	2.0L Twin Turbo Diesel RWD/4WD, 1/13-	CNEA	KVV24628-1A	600/ 440																								

** Please note each Xtreme Outback Heavy Duty Clutch Kit, E.g. KNI28001-1* contains a Spigot Bearing/Bush and a Clutch Alignment Tool

INTRODUCING NISSAN NAVARA NP300 HEAVY DUTY CLUTCH KIT



Part no: KNI28019-1A

Xtreme Outback is proud to announce their latest heavy duty clutch kit to suit the Nissan Navara NP300 with the 2.3L YS23DDTT. The kit consists of a heavy duty pressure plate, organic friction disc, thrust bearing, spigot bush and clutch alignment tool.



If you don't see your vehicle listed or you've got an enquiry relating to a listing in the catalogue then please call 1800-CLUTCH or forward all enquiries to sales@xtremeoutback.com.au, alternatively please visit www.xtremeoutback.com.au for further information.



230mm Motorsport kits

The 230mm clutch assembly is designed to fit with a specially designed flywheel and includes two ceramic 230mm "Button Style" clutch discs and intermediate plate.

Recommended For

Motorsport applications with extensive horsepower and torque requirements.



Further Information and Ordering

Need to order your Xtreme Outback Clutch Kit?

Simply visit our website xtremeoutback.com.au to locate your nearest distributor. Call or email them with our part number or with your vehicle specifications. Alternatively, you can call us on +61 8 8300 5000 or email sales@xtremeoutback.com.au. Our sales team can provide advice, recommend a clutch for your application or refer you onto a distributor / dealer.

Living overseas?... Can I order a kit?

Xtreme Outback welcomes enquiries and orders world-wide. Chances are we already have a distributor in your country / region. If we don't, we can offer a direct delivery from Australia adapted to your requirements.

Need a custom clutch?

No worries! The Xtreme Outback team is the one you should trust for all your custom needs. We can design, engineer and manufacture clutch covers, clutch discs, flywheels, single plate and multi plate setups.

Your application is not listed in the catalogue?

Please contact us! Xtreme Outback is continually developing and testing new products and your kit might be close to release. Simply email sales@xtremeoutback.com.au and tell us all about your 4WD.

Vehicle	Model	Engine	230mm Ceramic/Carbon Single Ceramic	Torque Capacity Nm/ ft.lbs	230mm Twin-Plate Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	Special Notes
Jeep								
Cherokee								
Grand Cherokee	4.0L Petrol	ERH 16 / MX 16			KJE23590-2E	1830/ 1350	1300KG	Complete Kit incl. C/moly F/W & P/P Bolts
Wrangler								
Nissan								
Patrol Diesel	GU 4.2L Turbo Diesel 1/99-	TD42			KNI23537-2E	1830/ 1350	1300KG	Complete Kit incl. C/moly F/W & P/P Bolts
Patrol Petrol	GU 4.8L Petrol	TB48DE	KNI23591-1E	920/ 680	KNI23591-2E	1830/ 1350	1300KG	Complete Kit incl. C/moly F/W & P/P Bolts
			KNI23591-1EL	920/ 680	KNI23591-2EL	1830/ 1350	1300KG	Complete Kit incl. Lightweight C/moly F/W & P/P Bolts
Toyota								
Landcruiser Petrol	FZJ80 -12/94							
	FZJ80 1/95-8/96	1FZFE	KTY23591-1E	920/ 680	KTY23591-2E	1830/ 1350	1300KG	Complete Kit incl. C/moly F/W & P/P Bolts
	FZJ80 8/96-2/98							

I have a 4x4 vehicle, but I also have a drift car/ classic car/commercial vehicle/tractor. Can you help me find a clutch for it?

Xtreme Outback is a division of one of the largest clutch manufacturers and distributors in the Southern Hemisphere, Australian Clutch Services. If you are looking for a clutch to suit any vehicle, please contact us at +61 8 8300 5000 or sales@australianclutch.com.au and we can advise you of the best solution for your vehicle.



184mm Motorsport kit

Vehicle	Model	Engine	184mm Ceramic Single Ceramic	Torque Capacity Nm/ ft.lbs	184mm Ceramic Twin Ceramic	Torque Capacity Nm/ ft.lbs	Clamp-Kg	Special Notes
Nissan								
Patrol Petrol	GU 4.8L Petrol	TB48DE	KN118591-2E	1220/ 900	KN118591-3E	1830/ 1350	900KG	Complete Kit incl. C/moly F/W & P/P Bolts

XTREME OUTBACK Q & A

How do I know when it's time to change my clutch?

There are a number of symptoms that indicate that a clutch is due for replacement. The most common sign is that the clutch begins to slip. Clutch slip is caused when the friction material is so worn that it can no longer hold the forces being transferred through it. Clutch slipping causes the revs of the vehicle to rise without the power being transferred through to the wheels and is normally easy to pick up by the driver. It can often be felt and heard when a vehicle is travelling uphill and the revs rise but the vehicle does not gain momentum.

The other common symptom of a clutch in need of replacement is increased noise. The noise can come from a worn or damaged bearing, failed dual mass flywheel or a damaged disc.

Why should I go for a heavy duty clutch kit rather than a standard one?

If your 4WD has been fitted with larger more aggressive tyres, or if it has had engine performance upgrades (exhaust, intake and ECU reprogramming), you may need to consider upgrading to a clutch that will be able to handle an increase in torque output. If you regularly tow your camper trailer, caravan or trade trailer, a heavy duty clutch is the best option for your 4WD and more economical in the long term. And, if you are a 4WD enthusiast and want a clutch you can rely on in any environment, then an Xtreme Outback clutch is the solution.

What else should I look to change at the same time as the clutch?

When replacing the clutch it is important to check all other clutch related components for wear and tear. These components can be the cause of premature wear or failure if not assessed and replaced. The release bearing and pilot bearing are the two most common components to have high wear, but it is important to check pivot balls, flywheel bolts, pressure plate bolts, flywheels and concentric slave cylinders. Australian Clutch Services have a wide range of these products catalogued to suit many applications. We often supply these components in our kits, but we also offer some items as options when buying.

Is an Xtreme Outback Clutch recommended for towing?

Xtreme Outback Clutches are designed for conditions where a standard clutch is no longer capable. This is common in applications where vehicles are used to tow at the higher end of the towing capacity or the vehicle has increased engine performance to deal with the increased towing mass. The increased clamping force and superior friction material will increase the torque capacity of the clutch unit to prevent slipping under maximum torque delivery.

How will a heavy duty clutch affect the driveability of my vehicle?

Xtreme Outback clutches are designed to be smooth in operation and most users will find them perfectly manageable for everyday driving. The increase in clamping force and torque capacity often means that there can be a slight increase in pedal effort. Single-mass conversions can occasionally transmit a small amount of extra gear noise and vibration, but this does not affect the performance of the vehicle.



Performance 4x4 & SUV Clutch Kits & Components

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