FITTING INSTRUCTIONS FOR

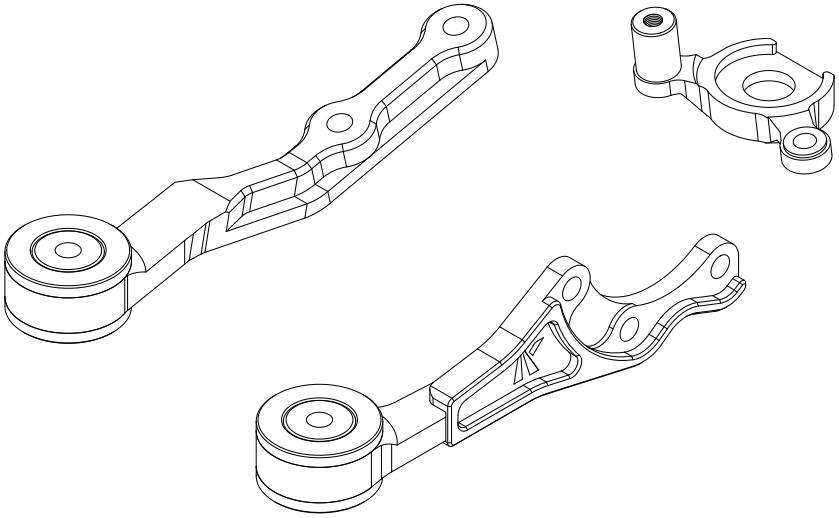
Diff Drop Kit

SKU

KS0429

COMPATIBILITY

Toyota HiLux N70 & N80



Included contents

QTY	COMPONENT	QTY	COMPONENT
2	Arm Brackets (LHS & RHS)	1	Diff Breather Hose
1	Pinion Bracket	1	Lithium Grease Sachet
4	Rubber Bushings	2	Bushings

Time 1.5hrs / A beer or two

Scan the **QR code** to watch the video installation guide,
or for further information contact KAON on **07 3180 1470** or **info@kaon.com.au**

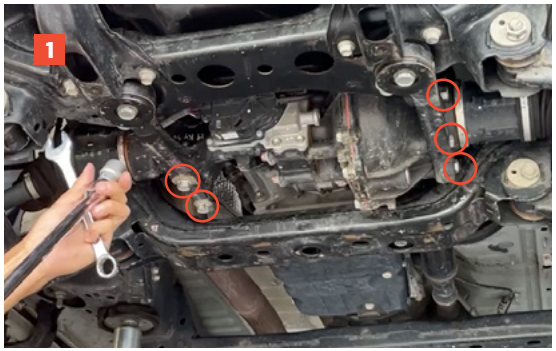
G8.8 Bolt Torque						
DIAMETER (mm)	5mm	6mm	8mm	10mm	12mm	14mm
LUBRICATED (Nm)	5 Nm	8 Nm	16 Nm	33 Nm	56 Nm	84 Nm
NON-LUBRICATED (Nm)	6 Nm	10 Nm	22 Nm	44 Nm	77 Nm	112 Nm

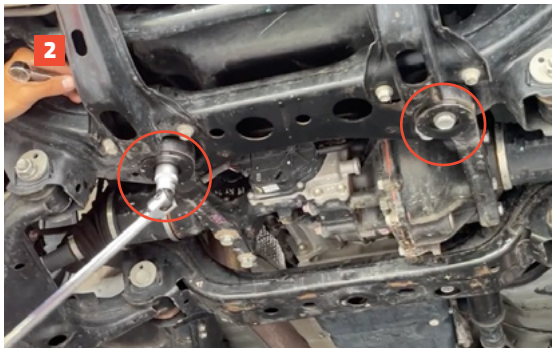
Let's get to work.

Removing the Factory Diff Arms

First we need to loosen the bolts for the two arms and the pinion bracket.

1. Loosen the 5 bolts pictured with a 19mm socket.
2. Loosen the large bolts using a 22mm socket, whilst holding the nut in place from above with a 19mm spanner.
3. Remove the lower bolt of the pinion bracket with a 12mm allen key and set aside.

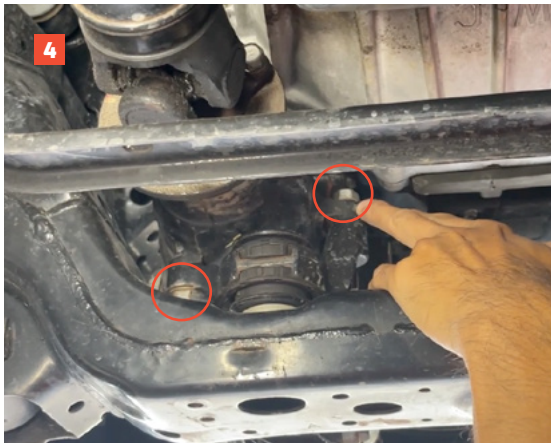






Removing the Factory Diff Arms cont.

4. Remove the top right bolt of the pinion bracket with a 17mm spanner.
5. Using a jack, lift up the diff.
6. With the diff lifted and supported, you'll have better access to the lower left bolt. Undo the bolt and remove the pinion bracket.
7. Remove all the loosened bolts and the two arms. These high quality factory bolts are will be reused, so tuck them in a safe spot.

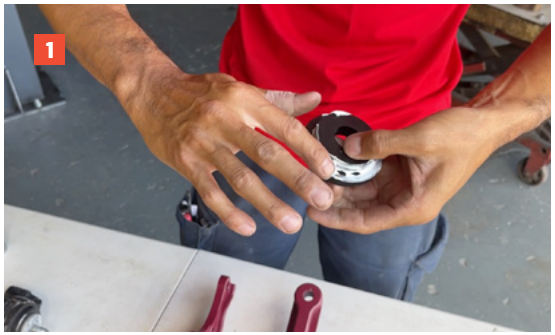




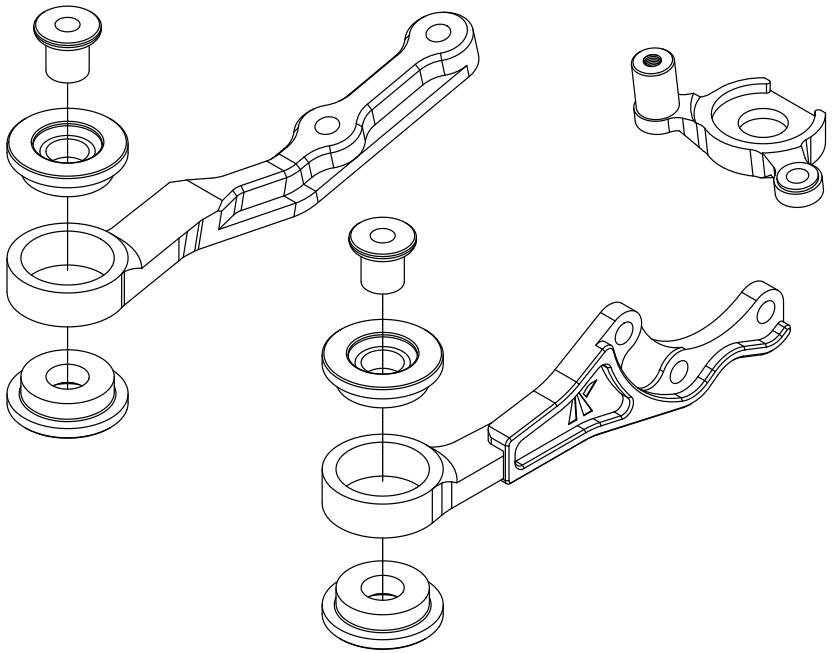


Preparing the Arm Brackets

1. Using the provided lithium grease, assemble the provided bushings into the arm brackets, as pictured.







Preparing the Pinion Bracket

1. First, we need to remove the bushings and bolt pin from the factory pinion bracket. Using a piece of 30mm thick wood, tap the bolt out of the bracket. Remove the bolt and washer and set aside.
2. To remove the metal and rubber bushings, use a 16mm punch or socket, as pictured.
3. Install the factory bushings into the provided pinion bracket.
4. Loosely install the bolt pin and washer in the pinion bracket, as pictured.
5. Use a large socket to press the bracket assembly back together, ensuring that the interior of the socket clears the bolt thread. Tighten the assembly using a vice as pictured, or alternatively a hammer can be used.

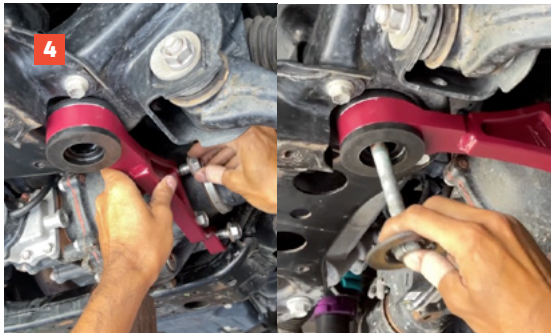


Installation

1. Remove the factory diff breather hose and replace with the provided longer hose.
2. To install the new pinion bracket, push up the drive shaft slightly to allow the bracket to manoeuvre into position. Loosely install using the original factory bolts.
3. Drop the jack slightly, allowing the diff to lower about 35mm. This will allow us to align all the bolts for install. If things don't line up quite right at first, don't be afraid to move the diff slightly to allow the bolts to align.
4. Loosely install the factory bolts and large retaining washer on the two arm brackets, starting with the smaller bolts.









Installation cont.

5. With all the bolts loosely installed on the diff drop arms, drop the jack.
6. Loosely install the 12mm allen key on the underside of the pinion bracket.
7. Confirm that everything is aligned and then tighten all the bolts to the recommended torque. The torque setting will vary depending on whether you have opted to apply anti-seize or lubrication to the bolts.

   Lubricated M14 Bolts: 84 Nm
   Unlubricated M14 Bolts: 112 Nm
8. That's it, you're done! We recommend checking that the bolts remain tight after a few hundred kilometres, and then during routine servicing and maintenance after that.







Local Knowledge & Assistance

We know half the fun of building your dream 4x4 is getting your hands dirty. But we also know that sometimes, things don't go to plan. If in the pursuit to build the ultimate setup you find yourself off-track, we're here to help you get unstuck.

For further information call 07 3180 1470 or email info@kaon.com.au

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