

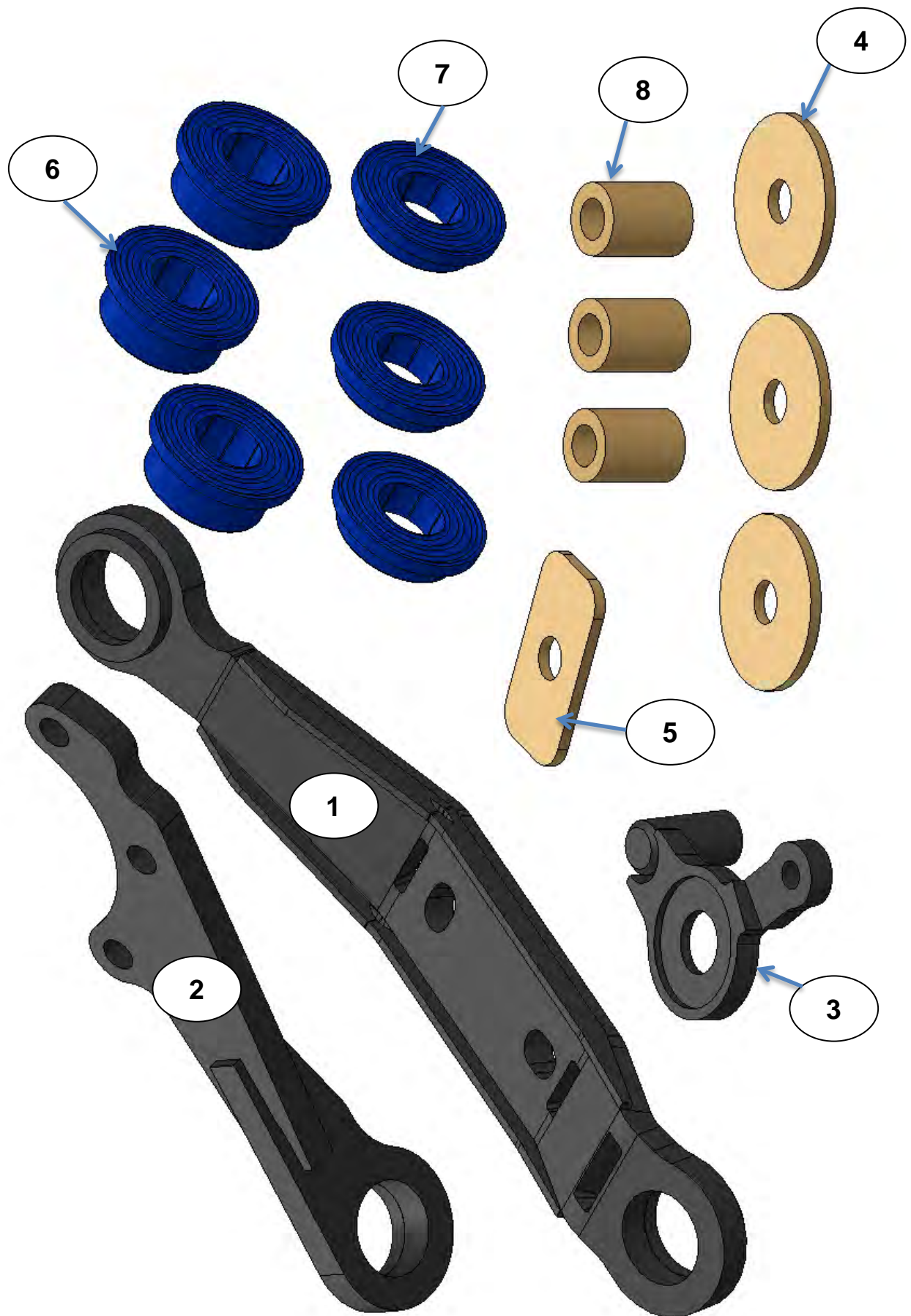
Superior Engineering PART LISTING

Superior
ENGINEERING.COM.AU
PREMIUM 4X4 ACCESSORIES
499 Uhlmann Rd
Burpengary QLD 4505
Australia

ITEM#	PART#	QUANTITY	DESCRIPTION
1		1	HILUX DIFF DROP MAIN MOUNT DS
2		1	HILUX DIFF DROP MAIN MOUNT PS
3		1	HILUX DIFF DROP BACK MOUNT
4		3	WASHER PLATE
5		1	RECTANGLE INNER CHASSIS WASHER
6		3	POLLY BUSH 13.5 LONG
7		3	POLLY BUSH 21.5 LONG
8		3	CRUSH TUBE
9		2	M14X120mm BOLT
10		1	M14 X 75mm CAP HEAD SCREW
11		3	M14 NYLOCK NUTS

NOTES:

- **Approximate installation time: 1 HOUR**
- **Some parts may come pre-assembled.**
- **Ensure all parts have been received correctly.**
- **Ensure parts are suitable for the vehicle prior to undertaking the insulation.**



Superior Engineering Installation Instructions

Superior
ENGINEERING.COM.AU
PREMIUM 4X4 ACCESSORIES

499 Uhlmann Rd
Burpengary QLD 4505
Australia

Part Description: Toyota Hilux 40mm Diff Drop Kit
Part Number:

NOTE: Read and understand these Installation Instructions before beginning the installation process. Retain these installation Instructions for future reference. It is recommended this item is installed by a Qualified Person.

CAUTION

Please ensure all bolts are tightened to correct torque setting make sure to use 263 Loctite. Recheck in 500km.

Size	Torque (Nm)	Torque (ft-lb)
M8	25	18
M10	49	36
M12	85	64
M14	135	96

- Chock the vehicles front and rear wheels with the vehicle in gear or park with the handbrake on.
- Remove the bash plates.
- Place a suitable jack under the centre of the diff housing.
- Remove the factory rear back diff mount from the rear passenger side of the diff.
NOTE: The diff will not fall when removing if jack is placed correctly
- Loosely fit the captive nut back to the bolt going through the factory back mount. Hold the back mount in a vice knock out the center bolt once the bolt is dislodged remove the bush assembly and refit to the new back mount supplied the same as factory.
- Refit the new rear diff drop mount into the same location as factory reusing the factory bolts.
- Then fit the two bushes to the diff drop mount. (As seen in figure 3)
- Remove the factory front diff mount legs from the chassis and diff.
- Fit the supplied polly bushes to the new main mounts with a crush tube through the bushes.
- Loosely fit the new diff drop main mounts to the diff reusing the factory bolts to mount it to the diff.
- The front two mounts will need a large washer fitted to the underside of the main mount bushes then fit a M14 through the washer and through the crush tube in the main mount then fit a M14 nylock nut to the bolt on top of the chassis rail.
- The rear of the driver side diff drop main mount will need a large washer fitted to the top side of the mount. Then the rectangle washer through the large hole on top of the crossmember then line up with the hole in where the diff drops main plate.
- Then fit the M14 cap screw bolt into the hole on the under side of the chassis crossmember under the mount then through the rectangle plate and through the rear mount of the driver side main mount large washer then a M14 nylock nut.
- Tighten all bolts to correct torque settings using 263 Loctite.
- Refit the bash plates back to the vehicle depending on brand the bash plate may need modification to refit.





