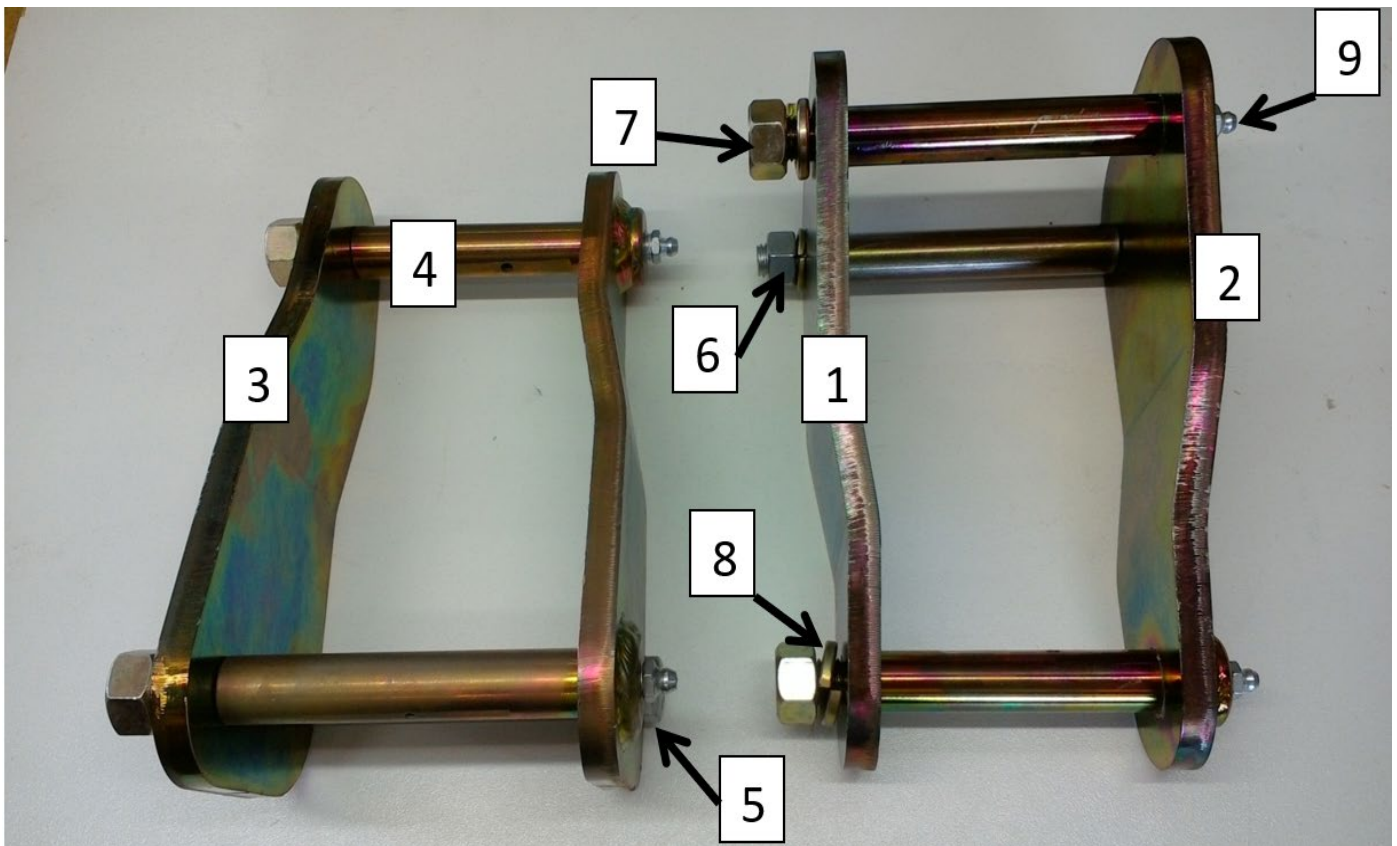


INSTALLATION INSTRUCTIONS

PART DESCRIPTION: Toyota Landcruiser 76/78/79 series Extended Shackles			
PART LISTING			
ITEM#	PART#	QUANTITY	DESCRIPTION
1		2	LCR 79 EXTENDED SHACKLE PLATE INSIDE
2		1	LCR 79 EXTENDED SHACKLE PLATE LH
3		1	LCR 79 EXTENDED SHACKLE PLATE RH
4		2	CRUSH TUBE
5		2	M10 Anti-Inversion BOLT
6		2	M10 nylock / conelock nuts
7		4	SHACKLE PIN NUTS
8		4	SHACKLE PIN SPRING WASHERS
9		4	GREASE NIPPLES

NOTE: Read and understand these installation instructions before beginning the installation process. Retain these installation instructions for future reference. It is recommended that this item is to be installed by a qualified person.



8 Chrome Court Burpengary 4505 QLD AUSTRALIA
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INSTALLATION INSTRUCTIONS

CAUTION

Please ensure all bolts are tightened to the correct torque setting. Recheck in 500km. It is recommended the vehicle be wheel aligned after fitting this item.

Size	Torque (Nm)	Torque (ft-lb)
M10	49	36
M12	85	64

WARNING

It is highly recommended to fit new bushes when fitting new shackles.

WARNING

Do not over tighten nuts or damage to the shackles will occur.

1. Jack vehicle up from chassis evenly until vehicle nearly lifts wheels off the ground.
2. Remove factory shackles
3. Tap out factory shackle bolts.
4. Remove and discard old bushes from vehicle and leaf springs.
5. Clean chassis mounts and spring eyes of rust scale and dirt.
6. Fit new bushes to chassis and springs.
7. Apply correct grease as per the bush manufacturers requirements onto and around the bushes and shackle pins , Jack vehicle up approximately one (1) inch higher until you can push the shackle through the bushes. Depending on accessories such as fuel tank or exhaust will determine if the shackles are pushed in from the outside or the inside. Recommended is to have the grease nipples facing outwards.
8. Check grease nipples are tight , DO NOT OVERTIGHTEN . Grease all grease nipples with appropriate grease prior to fully tightening the shackle, this allows grease to exit out the end of the bushes and lubricate the side plates.
9. Fit supplied spring washers and nuts to each shackle as well the install the anti inversion bolt into the top hole in most applications , some vehicles such as the 2023 single cab may benefit from using the lower hole but this will depend on your specific vehicle as different springs make a difference.
The aim of the Anti inversion bolt is to make contact with the shackle mount to prevent the spring bending backwards if you reverse into an obstacle.
Tighten all nuts to specification.
10. Lower vehicle

NOTE: anti inversion bolt is always positioned towards the centre of the car, please see image below.

INSTALLATION INSTRUCTIONS



INSTALLATION INSTRUCTIONS

