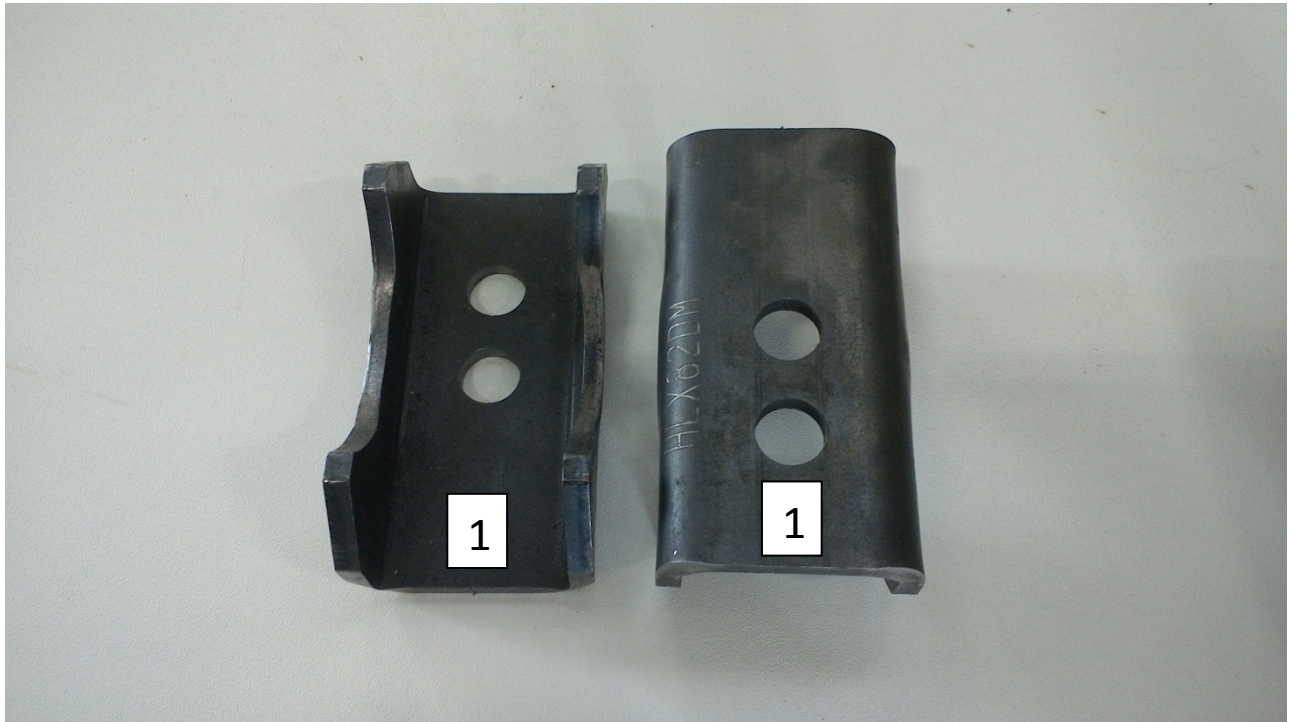


Superior Engineering PART LISTING

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

PART NUMBER – LCRRDP

ITEM#	PART#	QUANTITY	DESCRIPTION
1	27291	2	DIFF PERCH



Superior Engineering Installation Instructions

Part Description: TOYOTA LANDCRUISER DIFF PERCH
Part Number: LCRRDP

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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

Only a qualified welder that fully understands the fitting of this product should perform this task.

1. Start with the vehicle securely on a hoist.
2. It is recommended to fully remove the diff out of the vehicle as per vehicle service manual.
3. Take measurements of factory diff perch for location and angle. (Use the centre pin hole for a measuring reference point.)
4. Remove factory diff perch and clean up diff housing around diff perch location.
5. Place the diff perch in place using measurements taken earlier from the centre pin hole.

NOTE: There is a 2nd hole on the Superior Engineering diff perch. This is to offset the diff from centre. Keep this in mind so the diff perch can be attached according, if you want the diff moved backwards or forwards.

6. Tack weld the diff perch in place. Check the diff perch is in the correct location.

7. Fully Weld the diff perch on to the diff housing.

WARNING

Welders can cause serious injury and death if used incorrectly. Seek assistance of a qualified person.

8. Paint or powder coat diff housing to prevent any rust or corrosion.
9. Refit the diff back in to vehicle as per removal. Make sure all bolts have Loctite and are to the correct torque settings.

Size	Torque (Nm)	Torque (lbft)
M10	49	36
M12	85	64
M14	135	96



Figure 1: Damaged Factory Diff Perch



Figure 2 : Correctly Welded Diff Perch