

Superior Engineering Installation Instructions

Superior
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PREMIUM 4X4 ACCESSORIES
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Part Description: WELD ON DIFF BRACE
Part Nos: MULTIPLE PARTS

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.

Kit Includes:

QTY	DESCRIPTION
1	WELD ON DIFF GUARD
1	TOP BRACE
1	DRAIN PLUG RING
2	TOP KNUCKLE GUSSETS
2	BOTTOM KNUCKLE GUSSETS

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. Fully remove the diff out of the vehicle as per vehicle service manual.
3. Remove all diff internals and all brackets, hoses off the diff housing so it is a complete bare diff housing.
4. Check the diff housing in straight and in good condition.
5. Place the diff brace parts in place and trace round them with some form of marker.
6. Clean the diff back to bare metal where it has been marked out.
7. Place the diff brace components back in their allocated spot and tack in place. Check that the diff brace components are correctly in place.

8. Weld diff brace on to diff housing in sections of no more than 40mm, spread evenly around diff housing to distribute heat evenly.

CAUTION

Welding the diff brace on in one continuous weld can warp/ bend the diff housing. Make sure to spread out welding sections.

9. Paint or powder coat diff housing to prevent any rust or corrosion.

WARNING

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



Figure 1: Weld On Diff Brace Fitted To The Diff.

10. Refit diff components and refit diff back in to vehicle as per vehicle service manual.
11. Make sure the diff brace clears all the suspension components through the full range of motion.