

INSTALLATION INSTRUCTIONS

PART DESCRIPTION: Nissan NP300 Read Diff Shock Brace			
PART LISTING			
ITEM#	PART#	QUANTITY	DESCRIPTION
1	NP300RSMG	2	NISSAN NP300 SHOCK BRACE PLATES

NOTES: 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. Superior Engineering recommends that the minimum welding requirement must meet or exceed Australian Standard *AS 1554 Structural steel welding Category SP*. In general, for approval purposes, this part needs to be fitted by a certified welder who has performed and understands the correct welding procedure that is required and can supply required certification or paperwork as deemed.

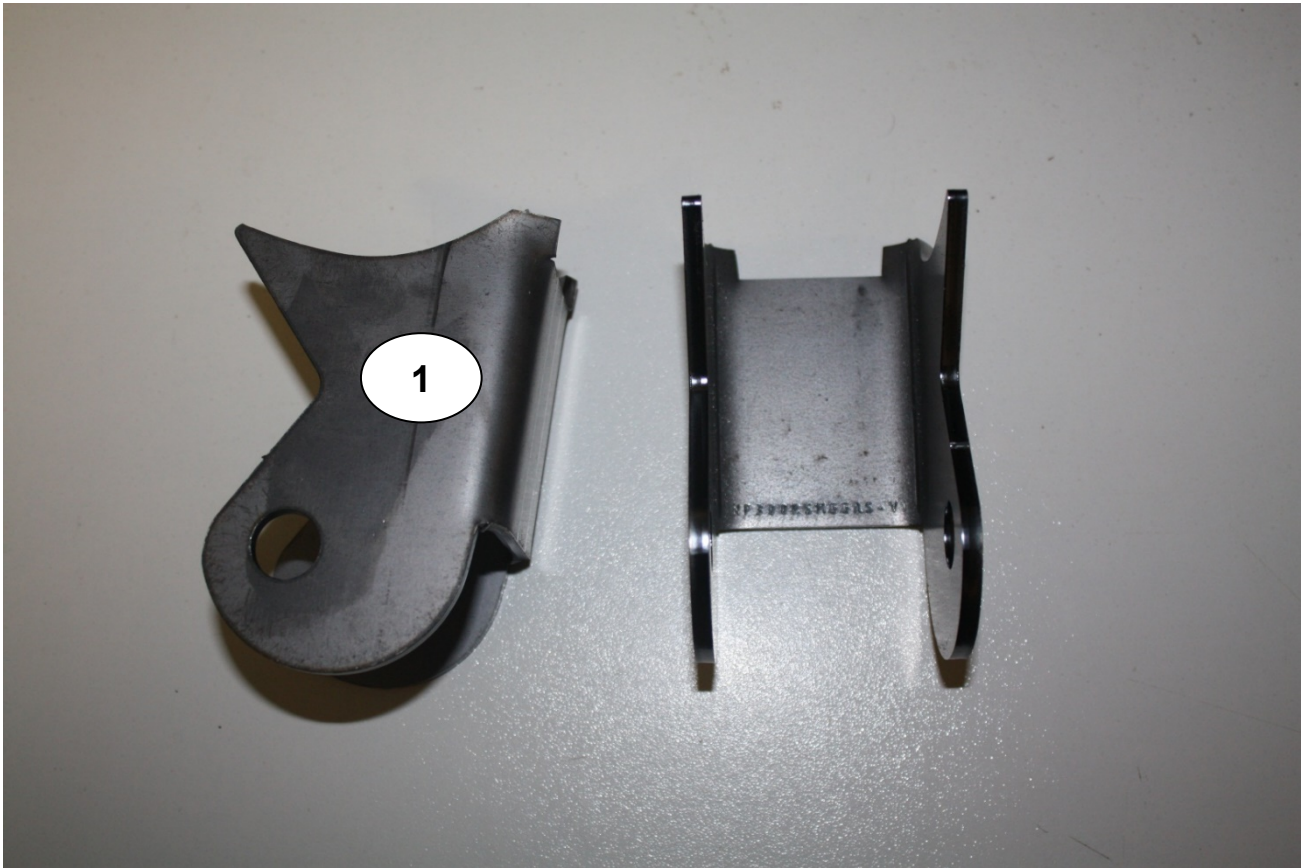
NOTES:
• Approximate installation time: 1 HOUR. • Ensure all parts have been received correctly. • Ensure parts are suitable for the vehicle prior to undertaking the insulation.

CAUTION
Fitting of this item requires welding of the vehicle it is recommended this work is carried out by a qualified person.

WARNING
DO NOT use any form of grinding or cutting disc as these are too abrasive and may take too much of the structural steel away

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

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1. Before starting any work, make sure that the shock mount is straight and true according to OE specifications. Make sure it has no cracks or fractures that need prior attention before fitting this item.
2. This fitment may be performed on the ground or raised, to ensure the vehicle is safely supported on a suitable hoist.
3. Remove the rear shocks.
4. Mark out the factory shock mount as seen in figure 1.
5. Cut off the lower tab on the shock mount and on the marked-out line. Grind back the top marked outline back to the diff, this is to allow clearance for the shock. Repeat on both sides of the mount then also on the opposite side.
6. Clamp the shock brace plate in the position and make sure their placement mount is hard up against all sides of the factory mount. (Use figure 2 as location reference)
7. Trace around the brace to leave a distanced line around the outside. (As seen in figure 2)
8. Remove the Superior Engineering shock brace.
9. Clean all paint off the area that is required.
NOTE: It is recommended to use a wire wheel or a light grade sanding disc.
10. Clamp the Superior Engineering shock brace plate back into position ready to weld with the factory bolt refitted.

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11. Weld the plate to the factory shock mount and to the diff using the correct welding procedure.
12. Let the mount cool to touch then re-apply the rust proofing inside and out of the

- shock mount as the heat from being welded will burn it off.
13. Refit the shock to the vehicle. Do not tighten shocks until the car is on the ground at ride height.

PHOTOS FOR REFERENCE



**FIGURE 1: CORRECT MARKING OF THE
FACTORY SHOCK MOUNT**



**FIGURE 2: CORRECTLY MARKED OUT
SHOCK MOUNT**