

Superior Engineering PART LISTING

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

WEB I.D. - #####

ITEM#	PART#	QUANTITY	DESCRIPTION
1	MTMQCB1	2	TRITON FRONT CHASSIS BRACE
2	MTMQCB2	1	TRITON MIDDLE CHASSIS BRACE DRIVER SIDE
3	MTMQCB3	1	TRITON MIDDLE CHASSIS BRACE PASSENGER SIDE
4	MTMQCB4	2	TRITON REAR CHASSIS BRACE

NOTES:

- Approximate installation time: 4 HOUR
- Ensure all parts have been received correctly.
- Ensure parts are suitable for the vehicle prior to undertaking the insulation.

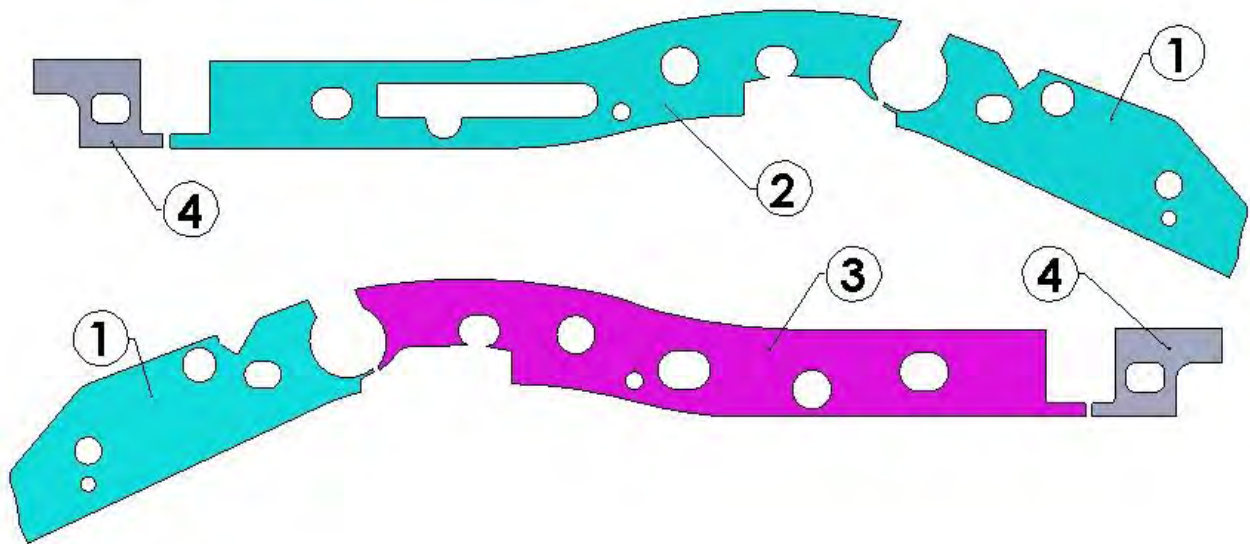


FIGURE 1

Superior Engineering Installation Instructions

Part Description: Mitsubishi Triton MQ Chassis Brace
Part Number:

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

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.

Due to regulatory variations throughout Australia, it is recommended that prior to fitment of this part is carried out, confirmation from your local/ state authority needs to be obtained as to the correct welding procedure required for approval. Superior Engineering recommends that the minimum welding requirement must meet or exceed Australian Standard AS 1554 Structural steel welding. 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.

NOTE: Please check with your local transport department if it is legal in your area.

NOTE: It is recommended to use a wire wheel or a light grade sanding disc.

CAUTION

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

1. Before starting any work, make sure that the chassis is straight and true according to OE specification. Make sure it has no cracks or fractures that need prior attention before fitting this item.
2. If required, remove the rear tires and the inner guards if the vehicle has a ute tub.
3. One side at a time, Clamp the superior engineering Triton chassis repair plates in position – as per Figure 1.
4. Trace around the Superior Engineering Triton chassis repair brace to leave a distanced line around the outside.
5. Remove the Superior Engineering chassis repair brace.
6. Clean all paint off the area that is required. Do not touch the chassis VIN number. (As seen in figure 2). Spray-on weldable primer recommended on chassis (Fig 3).

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

7. Clamp the Superior Engineering Triton chassis repair plate back in to position ready to weld (Fig 4).
8. Weld the plate to the chassis using the correct welding procedure make sure to stay far away from the chassis VIN number (Fig 5,6).
Staggered / Intermittent welds 50-50mm or practicable. Larger circle cut-outs may be welded. **Repeat – both sides of vehicle.**

WARNING

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

9. Reapply the rust proofing inside and out of the chassis as the heat from being welded will burn it off (Fig 7,8). **NOTE: It is also highly recommended to repaint the chassis and the repair plate to prolonged life span preventing against rust. Any edges of the chassis brace that are not welded seal with a suitable sealant E.G. Sikaflex.**

Figure 2: Chassis Cleaned Up Ready For Welding



Figure 3: Chassis preparation prior to welding - Driver Side



Figure 4: Correct Location of Chassis Brace Driver Side. Welding positions marked.



Figure 4A: Correct Location of Chassis Brace Driver Side



Figure 4B: Correct Location of Chassis Brace Driver Side



Figure 5: Suggested welding Locations of Chassis Brace Driver Side



Figure 6: Suggested welding Locations of Chassis Brace Passenger Side



Figure 7: Cleaned, Rust-proofed and painted - Chassis Brace Drivers Side



Figure 8: Cleaned, Rust-proofed and painted - Chassis Brace Passenger Side

