

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
1A	CDMXCB1-DS	1	Colorado/Dmax REAR CHASSIS BRACE DRIVER SIDE
1B	CDMXCB1-PS	1	Colorado/Dmax REAR CHASSIS BRACE PASSENGER SIDE
2	CDMXCB2	2	Colorado/Dmax FRONT CHASSIS BRACE
3	CDMXCB3	2	Colorado/Dmax MIDDLE CHASSIS BRACE

NOTES:

- Approximate installation time: 4-5 HOUR
- Ensure all parts have been received correctly.
- Ensure parts are suitable for the vehicle prior to undertaking the insulation.

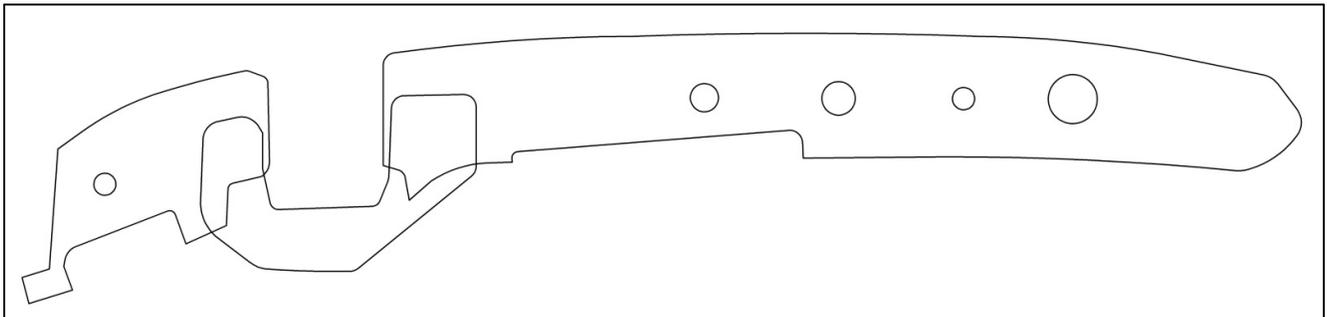
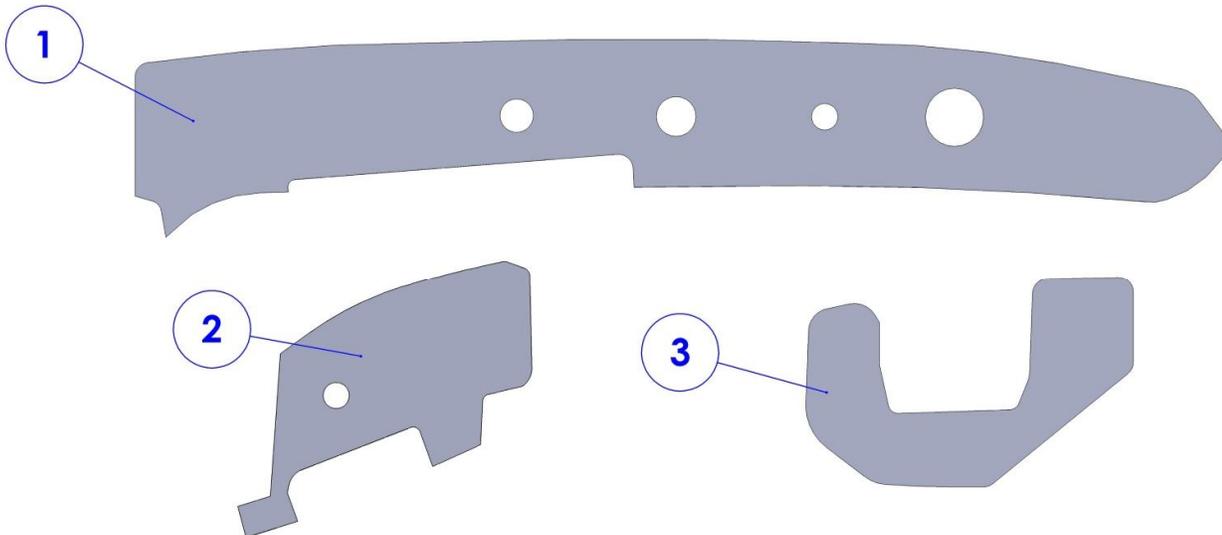


Plate orientation – Passenger side of vehicle

Superior Engineering Installation Instructions

Part Description: Colorado/Dmax 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.

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. Raise and support the vehicle safely. 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 Chassis repair Plates into position (item #1-3). Equally position the plates to provide adequate room to weld each edge.
4. Trace around the Superior Engineering chassis repair plates, leaving a line around the outside using a marker.
5. Remove the Superior Engineering chassis repair brace.

6. Prep the chassis for welding by cleaning all paint off the area that is required. Do not touch the chassis VIN number. (As seen in figure 1)

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

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 chassis repair plates #1 & #2 back in to position ready to weld.
8. Weld the plate to the chassis using the correct welding procedure make sure to stay far away from the chassis VIN number. **Stagger welds 50-50mm or practicable.**
9. Once Item #1 & #3 are welded, clamp item #2 over the top. Position equally and weld into place using the same procedure where possible. Larger circle cut-outs may be welded.

WARNING

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

10. REPEAT procedure for the other side.
11. Reapply the rust proofing inside and out of the chassis as the heat from being welded will burn it off. **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 1: Clamp plates into position and mark for chassis preparation prior to welding



Figure 2: Correct Location Of Chassis Brace Item #1 & #2 - Drivers Side





Figure 3: Correctly Fitted Chassis Brace Item #3 - Driver Side



Figure 4: Chassis Brace locations- Driver Side