



# FITTING INSTRUCTIONS

Part Number: **5450100**

Product Description: UNDER VEHICLE PROTECTION.

Suited to vehicle/s: JEEP JK WRANGLER 2 AND 4 DOOR.

**Please place these instructions in vehicle glovebox when complete.**

## **WARNING**

### REGARDING VEHICLES EQUIPPED WITH SRS AIRBAG:

When installed in accordance with these instructions, the vehicle protection panels do not affect operation of the SRS airbag.

### ALSO, NOTE THE FOLLOWING:

- ◆ This product must be installed exactly as per these instructions using only the hardware supplied.
- ◆ Do not use this product for any vehicle make or model, other than those specified by ARB.
- ◆ Do not remove labels (if any) from this product.
- ◆ This product or its fixing must not be modified in any way.
- ◆ The installation of this product may require the use of specialized tools and/or techniques
- ◆ These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components
- ◆ Work safely at all times
- ◆ Unless otherwise instructed, tighten fasteners to specified torque

## ARB 4x4 ACCESSORIES

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# IMPORTANT INFORMATION. GENERAL CARE AND MAINTENANCE

By choosing ARB vehicle protection, you have bought a product that is one of the most sought after 4WD products in the world. Your under vehicle protection panels are a properly engineered, reliable, quality accessory that represents excellent value.



- While these panels have been engineered for strength and functionality care and good judgment should be taken when traversing difficult off-road conditions to minimise damage to panels and vehicle.
- During servicing when panels are removed ensure fasteners are re-fitted to the correct torque values.
- Inspect panels visually on a regular basis. Dirt and foreign matter should be washed out to minimise build-up around hot components. **BE VERY CAREFULL** when removing foreign matter with hands while vehicle is hot or running. Replace any components as necessary. This service can be performed by your local authorized ARB Stockist.

## FITTING REQUIREMENTS

### REQUIRED TOOLS FOR FITMENT OF PRODUCT:

| BASIC TOOL KIT |  |
|----------------|--|
|                |  |
|                |  |

### HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

|                           |   |
|---------------------------|---|
| <b>Protective eyewear</b> |    |
| <b>Hearing protection</b> |  |

**NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.**

### FASTENER TORQUE SETTINGS:

| SIZE | Torque Nm | Torque lbft |
|------|-----------|-------------|
| M6   | 9Nm       | 7lbft       |
| M8   | 22Nm      | 16lbft      |
| M10  | 44Nm      | 32lbft      |
| M12  | 77Nm      | 57lbft      |

## PARTS LISTING

| APPLICATION.       | PART NO. | QTY | DESCRIPTION               |
|--------------------|----------|-----|---------------------------|
| FIT FRONT<br>PANEL | 6522852  | 1   | FRONT UVP ASSEMBLY        |
|                    | 3758943  | 1   | BRACKET RH ENGINE MOUNT   |
|                    | 3758939  | 1   | BRACKET LH ENGINE MOUNT   |
|                    | 3758949  | 2   | CAGE NUT PLATE            |
|                    | 3758950  | 1   | BRACKET ENGINE MOUNT LINK |
|                    | 6151204  | 2   | BOLT M10 X 1.5 X 35       |
|                    | 4581040  | 2   | WASHER FLAT M10           |
|                    | 4581048  | 2   | WASHER SPRING M10         |
|                    | 6151304  | 2   | NUT CAGE M10              |
|                    | 6151022  | 7   | BOLT M8 X 25              |
|                    | 6151132  | 7   | NUT FLANGE M8             |
|                    | 4581046  | 7   | WASHER SPRING M8          |
|                    | 4581044  | 7   | WASHER FLAT M8            |
|                    | 3194281  | 2   | PACKER FRONT PANEL        |
|                    | 6151098  | 1   | BOLT M12 X 1.5            |
|                    | 4581050  | 1   | WASHER SPRING 1/2         |
|                    | 4581049  | 1   | WASHER FLAT 1/2           |
| FIT CANISTER PANEL | 6522853  | 1   | CANISTER UVP ASSEMBLY     |
|                    | 3758941  | 1   | FRONT CANISTER MOUNT      |
|                    | 3758940  | 1   | REAR CANISTER MOUNT       |
|                    | 6151303  | 4   | NUT CAGE M8               |
|                    | 6151022  | 4   | BOLT M8 X 25              |
|                    | 4581046  | 4   | WASHER SPRING M8          |
|                    | 4581044  | 4   | WASHER FLAT M8            |

## FITTING PROCEDURE



1. Remove and retain the three bolts securing the canister to the underside of the vehicle.



2. Place M8 cage nuts on inside of brackets. Place brackets on top of canister mount and between body of vehicle and secure using original hardware. Front canister mount shown.

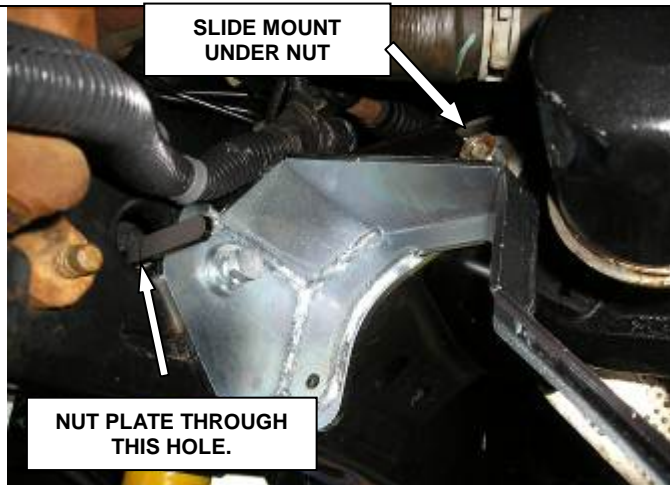


3. Lift canister panel into position and secure using M8 x 25 bolts, spring washers and flat washers.

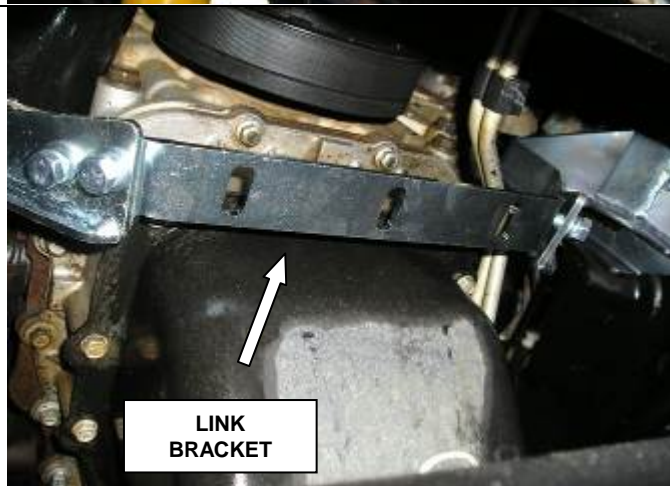


4. Loosen off both engine mount bolts leaving a gap of approximately 10mm between nut and chassis.

## FITTING PROCEDURE



5. Slide chasis bracket under engine mount nut as shown. Leave nut finger tight. Place M10 cage nut in nut plate and insert through access hole next to mount. Secure using M10 x 35mm bolt, spring washer and flat washer. Leave all fasteners finger tight. RH side shown, repeat for LH side.



6. Place link bracket on top of engine mount brackets. Secure to engine mount brackets using M8 bolts, spring washers, flat washers and flange nuts. Leave all fasteners finger tight.



7. Remove and retain bolts from transfer case guard. Loosen off two rear bolts from transfer case guard.



8. Place panel onto vehicle making sure it is placed between transfer case guard and chassis. Secure front using 3 x M8 bolts, spring washers, flat washers and flange nuts. Secure rear using original hardware and 1 M12 bolt, spring washer and flat washer supplied. When satisfied with the position tighten all fasteners **leaving engine mount bolts until the very last. NOTE: If panel contacts exhaust use packers supplied on rear mounting position.**

## FITTED PRODUCT

