FITTING INSTRUCTIONS

Part Number: **5440100**

Product Description: UNDER VEHICLE PROTECTION.

Suited to vehicle/s: BT50 & FORD RANGER.

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

Corporate Head Office

42-44 Garden St
Kilsyth, Victoria
AUSTRALIA 3137

Tel: +61 (3) 9761 6622
Fax: +61 (3) 9761 6807

Australian enquiries sales@arb.com.au
North & South American enquiries sales@arbusa.com
Other international enquiries exports@arb.com.au

www.arb.com.au

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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	
INC 3/8 DRIVE SOCKET SET	

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear		**Hearing protection**	

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

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PARTS LISTING			
APPLICATION.	**PART NO.**	**QTY**	**DESCRIPTION**
FIT FRONT PANEL	**6522771**	**1**	**FRONT PANEL ASSY**
	3757971	**1**	**FRONT MOUNT**
	6151022	**4**	**BOLT M8 X 1.25 X 35**
	4581046	**4**	**WASHER SPRING M8**
	4581044	**4**	**FLAT WASHER M8**
	6151303	**5**	**CAGE NUT M8**
FIT SUMP PANEL	**6522772**	**1**	**SUMP PANEL ASSY**
	6151022	**3**	**BOLT M8 X 1.25 X 35**
	4581046	**3**	**SPRING WASHER M8**
	4581044	**3**	**FLAT WASHER M8**
	6151303	**1**	**CAGE NUT M8**
FIT TRANSMISSION PANEL	**6522773**	**1**	**TRANSMISSION PANEL ASSY**
	3194197	**1**	**MOUNTING PLATE**
	6151022	**5**	**BOLT M8 X 1.25 X 35**
	4581046	**5**	**SPRING WASHER M8**
	4581044	**5**	**FLAT WASHER M8**
	6151132	**4**	**FLANGE NUT M8**
FIT TRANSFER CASE GUARD	**6522774**	**1**	**T/CASE GUARD ASSY**
	6151022	**2**	**BOLT M8 X 1.25 X 35**
	4581046	**2**	**SPRING WASHER M8**
	4581044	**2**	**FLAT WASHER M8**
	6151132	**2**	**FLANGE NUT M8**

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FITTING PROCEDURE



1. Remove O.E stone shields and retain ALL mounting bolts for later use.



2. Fit front mounting bracket to cross-member using M8 x 35 bolts, spring washers and flat washers. Fit 2 x M8 cage nuts in square holes on top surface of mount. **When fitting transmission lines be sure they clear any sharp edges.**



3. Fit 3 x M8 cage nuts to rear of panel. Lift front panel into position and secure using original M10 bolts in middle and 2 x M8 x 35 bolts, spring washers and flat washers on front mount. Leave finger tight.



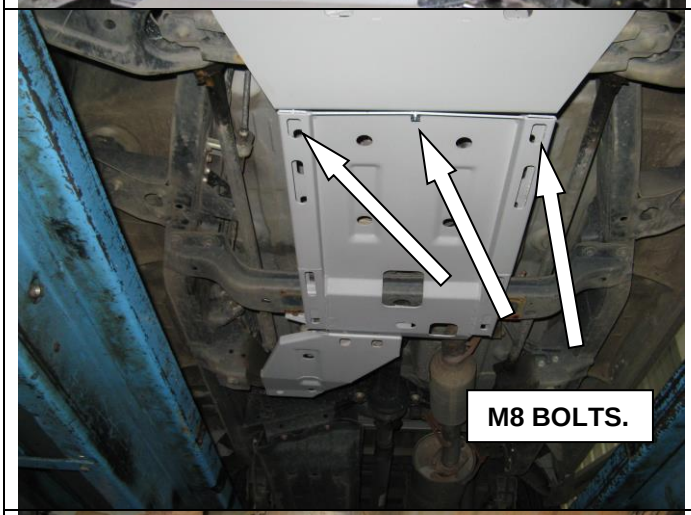
4. Lift sump panel assembly into place and attach to cross member using original M10 bolts. Secure to front panel using 3 x M8 x 35 bolts, spring washers and flat washers. Leave all bolts finger tight. Once this is done insert 1 x M8 cage nut at the centre position at rear of panel.

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FITTING PROCEDURE



5. Fit mounting plate as shown using original bolts.



6. Lift transmission panel into place and secure to mounting plate using 2 x M8 bolts, spring washers, flat washers and flange nuts. Secure to sump panel using 3 x M8 x 35 bolts, spring washers, flat washers and 2 x M8 flange nuts. Note that the flange nuts go to the outside positions as the centre uses a cage nut. Leave bolts finger tight.



7. Fit transfer case panel using original M10 bolt with large washer removed in vehicle torsion bar mount and 2 x M8 bolts, spring washers, flat washers and flange nuts into transmission panel. Once all this is done tighten all bolts.

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FITTED PRODUCT



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