ARB FITTING INSTRUCTIONS

Part Number: **5414100**

Product Description: UNDER VEHICLE PROTECTION.

Suited to vehicle/s: TOYOTA HILUX 2005 ON.

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. You're 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	**ANGLE GRINDER AND CUTTING WHEEL**
INC 3/8 DRIVE SOCKET SET	**MARKING PEN**
300mm RULE	

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:

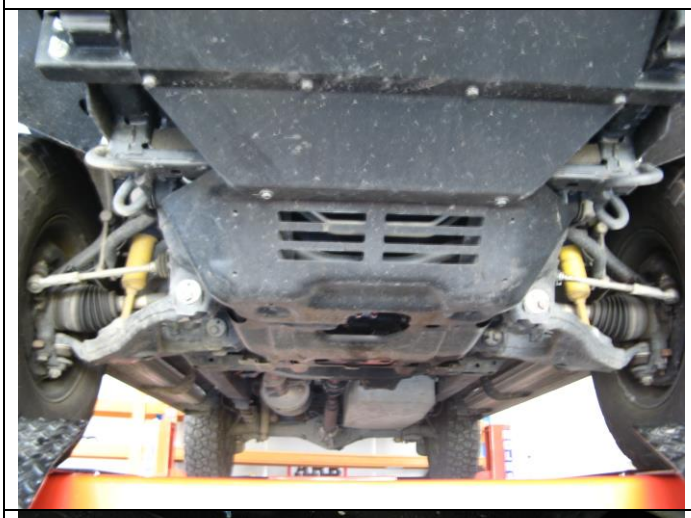
SIZE	Torque Nm	Torque lbft
M6	9Nm	7lbft
M8	22Nm	16lbft
M10	44Nm	32lbft
M12	77Nm	57lbft

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PARTS LISTING			
APPLICATION.	**PART NO.**	**QTY**	**DESCRIPTION**
FIT FRONT PANEL	**6522770**	**1**	**FRONT PANEL ASSY**
	6151303	**1**	**CAGE NUT M8**
FIT SUMP PANEL	**6522757**	**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**
	6151132	**2**	**FLANGE NUT M8**
FIT TRANSMISSION PANEL	**6522767**	**1**	**TRANSMISSION PANEL ASSY**
	3757970	**1**	**MOUNT BRACKET**
	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	**3758370**	**1**	**T/CASE GUARD**

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FITTING PROCEDURE

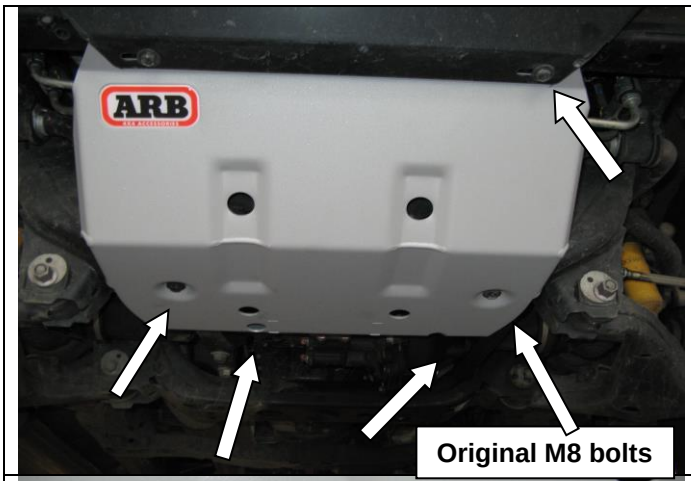


1. Remove O.E stone shields and retain mounting bolts for later use. If fitting an ARB recovery system do so now and refer step 2.

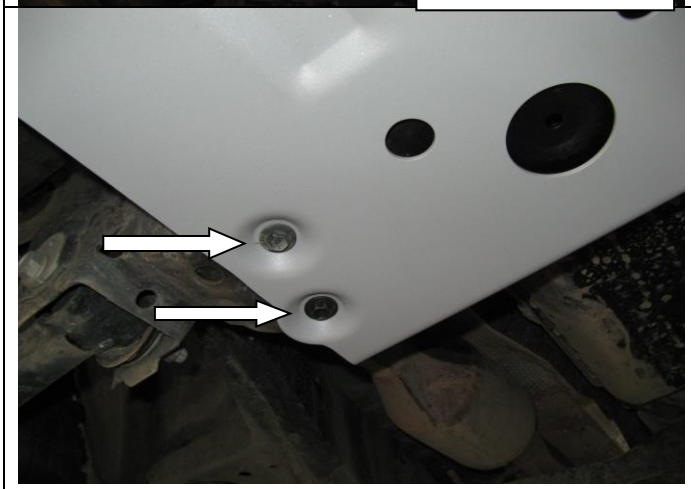
2. If fitting recovery point do so now.



3. Fit M8 cage nut to centre point on rear of panel.

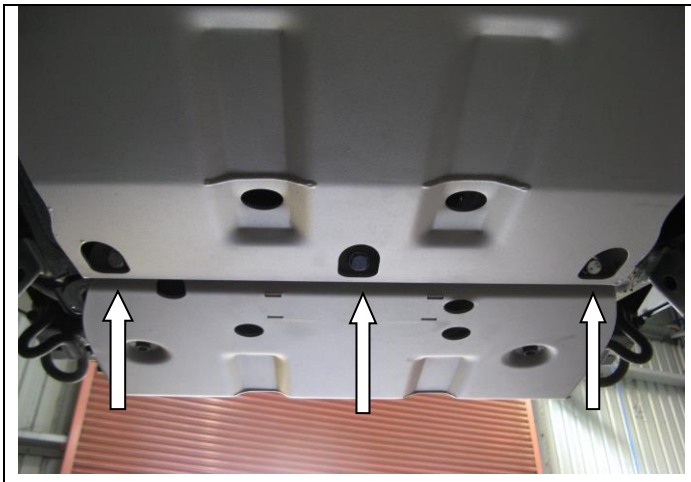


4. Mount front panel to vehicle using original bolts and positions. If fitted with an ARB bar place panel on top side of bullbar stone shield. Leave bolts finger tight.



5. Fitting sump panel. As per step 2 fit an M8 cage nut to centre rear of panel. Lift panel into position and secure to cross member using original M8 bolts as shown. Leave finger tight.

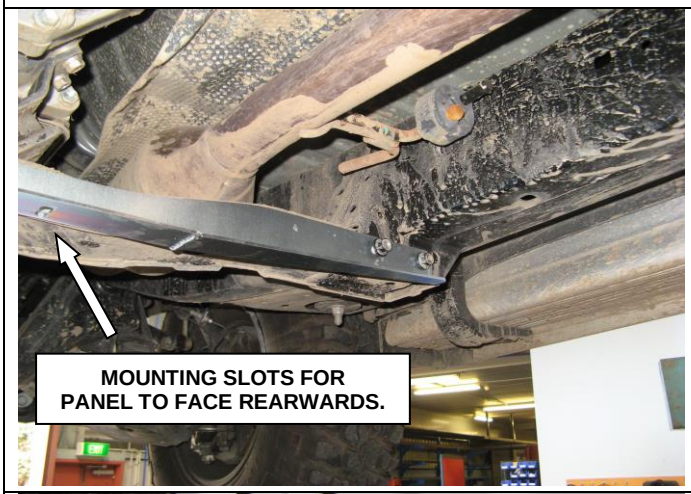
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6. Secure front of sump panel to front panel using 3 x M8 bolts, spring washers and flat washer supplied, ***tighten to specified torque***. Use M8 flange nuts on outer holes.



7. Before fitting transmission panel the mounting bracket needs to be attached to the rear of cross member. As shown in photo remove mounting nuts from gearbox cross member. NOTE: If you have side rails fitted it may be required to orientate bolts so they are placed in from front to back.

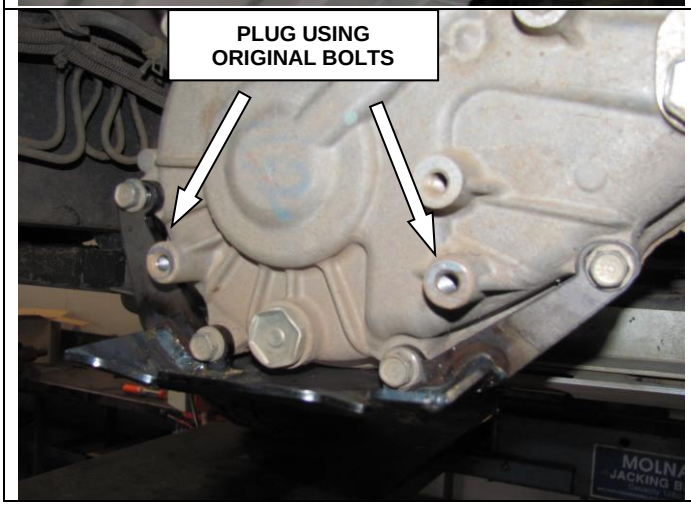


8. Mount and secure bracket to the 4 bolts on vehicle cross member. ***Tighten cross member bolts to specified torque.***



9. Lift transmission panel into place and secure to sump panel using 3 x M8 bolts, spring washers and flat washers supplied. Leave finger tight.

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	10. Secure panel to mounting bracket using 2 x M8 bolts, spring washers, flat washers AND flange nuts supplied. ***When satisfied tighten all bolts to specified torque***.
	11. It is advised to have a drip-tray handy for this procedure even though it may not be needed. Remove original transfer case shield and retain bolts. Remove four lower case bolts and retain. Fit transfer panel as shown using original bolts. Fit remaining bolts into original mount positions at rear.

FITTED PRODUCT

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