



# FITTING INSTRUCTIONS

Part Number: **5470100**

Product Description: UNDER VEHICLE PROTECTION.

Suited to vehicle/s: 2011 ON VW AMAROK.

**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	DRILL WITH 9MM DRILL BIT
INC 3/8 DRIVE SOCKET SET	

### 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.**

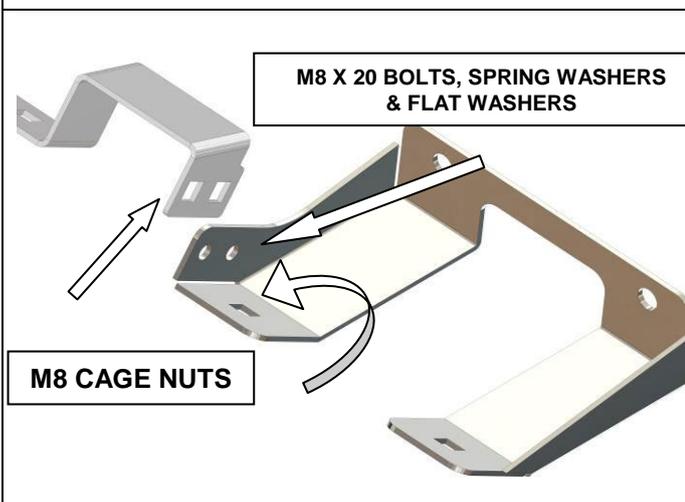
### FASTENER TORQUE SETTINGS:

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 MOUNTING BRACKETS	3758220	1	BRACKET FRONT MOUNT
	3758224	1	BRACKET FRONT SUPPORT
	3194154	2	CAGE NUT PLATE
	6151021	2	BOLT M8 X 20
	6151022	2	BOLT M8 X 25
	4581081	4	WASHER FLAT M8
	4581046	4	WASHER SPRING M8
	6151303	4	NUT CAGE M8
FIT MIDDLE MOUNT BRACKET	3758223	1	BRACKET MIDDLE MOUNT
FIT REAR BRACKET	3758221	1	BRACKET REAR MOUNT
FIT FRONT PANEL	6522814	1	FRONT PANEL ASSY
	6151295	3	BOLT M8 SOCKET HEAD CAP SCREW
	4581046	5	WASHER SPRING M8
	4581081	5	WASHER FLAT M8
	6151022	2	BOLT M8 X 25
	6151303	3	CAGE NUT M8
	6151132	2	NUT FLANGE M8
FIT TRANS PANEL	6522812	1	TRANS PANEL ASSY
	6151022	5	BOLT M8 X 25
	4581046	5	SPRING WASHER M8
	4581081	5	FLAT WASHER M8
	6151132	2	FLANGE NUT M8
	6151303	3	CAGE NUT M8

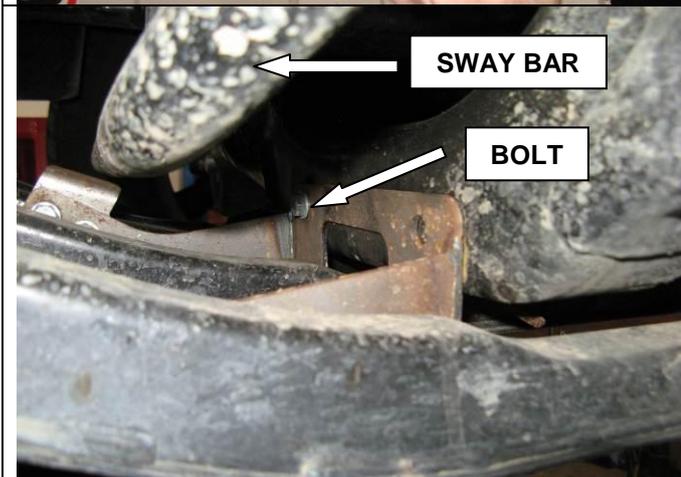
## FITTING PROCEDURE



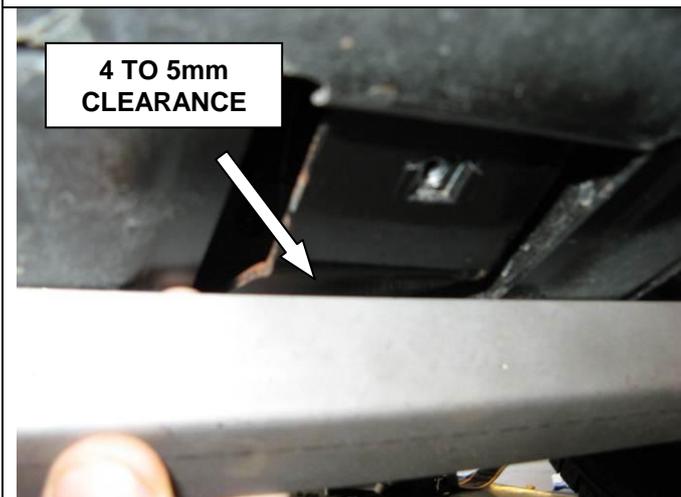
1. Bolt the two front brackets together as shown. Make sure the three cage nut mounting surfaces for the front panel are level when tightening the two M8 bolts.



2. Remove rear mounting bolts from front skid rails. Pull away from chassis slightly. This must be done to gain clearance to fit front bracket.



3. Slide front mounting assembly onto front cross member from left hand side of vehicle. Place an M8 cage nut onto cage nut plate and feed through access hole on bottom of cross member (bend to shape). Secure loosely using M8 x 25 bolt, spring washer and flat washer.

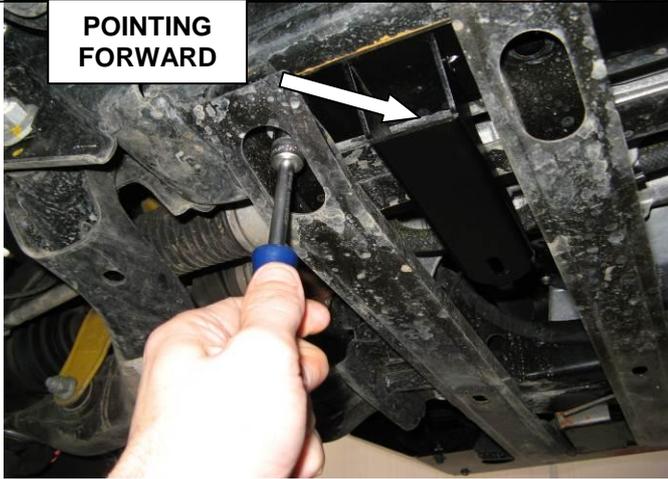


4. Make sure there is 4 to 5mm clearance between bottom edge of skid rails and folded lip of front bracket.

## FITTING PROCEDURE



5. Once bracket is in correct position mark other hole using a white marker pen. Remove bracket and drill hole using 9mm drill bit. Re-fit bracket when done and secure with an extra cage nut plate, M8 cage nut, M8 x 25 bolt, spring washer and flat washer. Adjust bracket once again as per step 4.



6. Slide middle mounting bracket over skid rail mounting points making sure mount tabs point forward. Re-fit and tighten original bolts as removed in step 2.



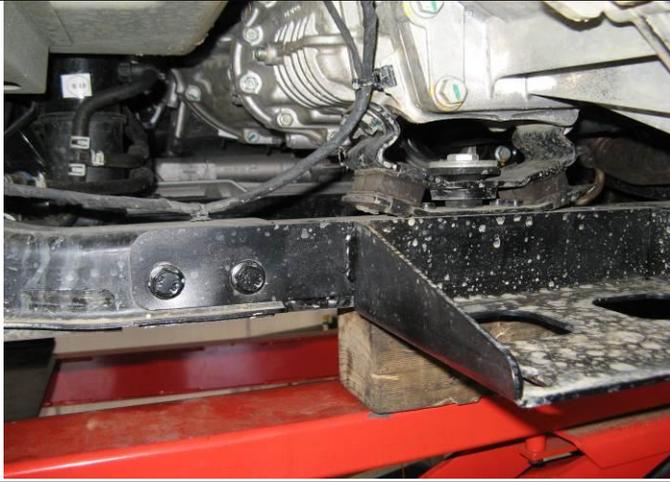
7. Place front panel in position and secure front using 3 x M8 button head cap screws, spring washers and flat washers. Leave finger tight.

**NOTE: A jack can be used for support.**

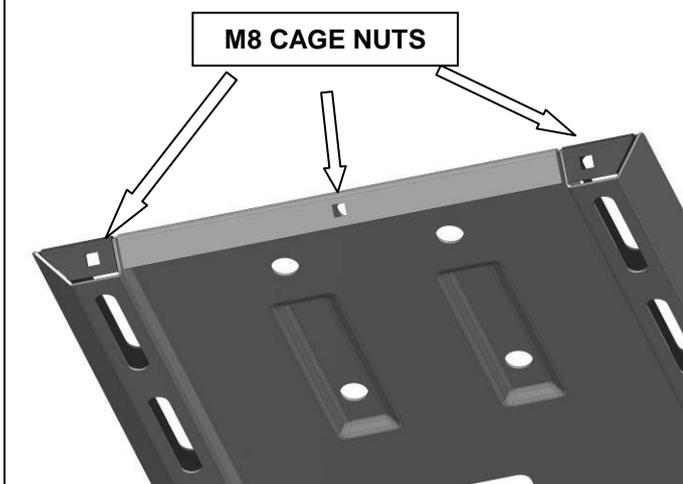


8. Secure rear of front panel using 2 x M8 x 25 bolts, spring washers, flat washers and M8 flange nuts. Leave finger tight.

## FITTING PROCEDURE



9. Using a jack support transmission cross member and remove mounting bolts. Fit rear mounting bracket using original bolts and tighten. Remove jack from vehicle.



10. Fit 3 x M8 cage nuts to inner surface of transmission panel.



11. Lift transmission panel into place and secure front using 3 x M8 x 25 bolts, spring washers and flat washers. Leave finger tight.



12. Secure rear of panel using 2 x M8 x 25 bolts, spring washers, flat washers and M8 flange nuts. Once all is fitted correctly tighten all bolts.

## FITTED PRODUCT

