

## RP-AMA01

Australian Design Registration—201610654
Volkswagon Amarok

# FEA Rated to 5000kgs per tow point

Ensure all supplied and specified components are used during the installation of tow points. Failure to do so will significantly reduce the Working Load Limit (WLL) specified for each individual point (5000kgs), which can result in serious injury or death.

## RP-AMA01 FITMENT GUIDE—Page 1

The RP-AMA01 points have been designed for fitment on a vehicle with factory standard bar. If a Bull Bar is fitted modifications might be required to the bar bracket, and/or additional hardware might be required (longer bolts etc.) to facilitate fitment.

# **Fitment of RH Point**



#### **Hardware Supplied with RP-AMA01**

- 2 x 16mm bolts x 140mm long
- 3 x washers 16mm ID, 32mm OD x 2mm thick
- 2 x 12mm bolts x 140mm long
- 3 x washers 16mm ID, 32mm OD x 3mm thick
- 2 x 12mm bolts x 60mm long
- 3 x washers 16mm ID, 32mm OD x 4mm thick
- 4 x 12mm nyloc nuts
- 8 x M12 washers 32mm od x 3mm thick
- 1 x 16x2.0mm bolt x 95mm long bolts into LHS rear hole with crush tube
- 4 x M16 washers 32mm od x 3mm thick
- 1 x 16mmx2.0mm bolt x 80mm long original tow eye
- 1 x Crush Tube –69mm long x 30mm OD x 16.1mm ID

Step 4



Step 5



- 1. Place tow point into position by sliding over front bumper assembly.
- 2. Insert M16 bolt through upper back hole in chassis rail with flat washer on each side of the chassis rail, loosely fasten supplied nyloc nut
- 3. Insert M12 bolt through front upper hole in chassis rail with washer on each side of chassis rail, loosely fasten nyloc nut supplied
- 4. Fit M16 x 90mm bolt with split washer & 50mm x 5mm washer into factory tie down anchor point, and 30mm OD packers behind point against factory tie down point (multiple thickness spacers provided, choose accordingly)
- 5. Fit M12 x 60mm bolt with flat washer through front cross member ensuring to include the collar supplied with the bulbar in the cross member.
- 6. Once all bolts are installed, tighten to relevant forces as shown in table on Page 2.



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## RP-AMA01 FITMENT GUIDE—Page 2

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# **Fitment of LH Point**

- 1. Remove Left hand front body mount bolt and remove lower bushing as pictured, (keep for re-fitment later)
- Place tow point into position and place 16mmx140mm bolt with washer through rear upper hole in chassis rail, place washer and Nyloc nut on inside of chassis rail
- 3. Repeat with 12mmx140mm bolt in remaining hole in chassis rail, with washer each side of chassis and nyloc nut.
- Place 12mmx60mm bolt through front bumper cross member using washer each side and nyloc nut supplied, checking to ensure bolt goes through collar from bulbar fitment in member.
- 5. The rear most mount utilises a machined crush tube through the chassis rail, this uses a M16x100mm bolt with large 50mm OD washer, to be fitted from inside of the chassis rail, and threads into the tow point behind the body mount. (recommended to apply a small amount of thread locker to this bolt)
- 6. Once all bolts are installed, tighten to relevant forces as shown in table below.

**Bolt Torque Specs** 

2010 101 4010 0 0 0 0 0			
	8.8	10.9	12.9
M10	41-60 Nm	59-85 Nm	65-94 Nm
M12	71-105 Nm	102-150 Nm	114-164 Nm
M14	112-168 Nm	161-240 Nm	182-265 Nm
M16	175-260 Nm	250-371 Nm	282-406 Nm

Step 5





