



RP-HIL15
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-HIL15 FITMENT GUIDE

TOOLS REQUIRED—

- 14, 17, 18mm Sockets
- Ratchet
- 17&18mm spanner

- These RP-HIL15 tow points will fit vehicles with factory bumper and a range of aftermarket bull bars—check our online listing for confirmed fitments.

As fitted to GUN26 Hilux

- These points follow the same instructions for both sides.
- If you have a bull bar already fitted, remove the chassis mounting bracket as pictured, **keeping the middle factory bolt on the vertical bracket fitted**
- Place the RP-HIL15 against the chassis rail,
- All bolts are supplied with a 3mm flat washer to be fitted against bolt head and nyloc nut when required.



- Loosely fit the 2 M10 x 30mm long bolts into chassis rail as pictured to hold point in place, (Flat & Spring washer used)
- Place the flat 3mm spacer plate between the tow point and the chassis rail,



- Insert the 2 x M12 x 100mm long bolts through chassis rail, the rear most hole (larger of the 2 holes in chassis rail) utilises the Crush tube provided,
 - Insert bolts through hole from the outside of the chassis rail
 - Slide crush tube into the chassis from the open side,
 - Folded bracket to be fitted to bolts on the inside of the chassis rail with lip facing into the chassis rail,
 - Fit M12 x 3mm washer and nyloc to bolt.

Best practice—

It is important to use a Bridle strap for any recovery using these points, When connecting to the tow points, feed the shackle through the tow point so the body of the shackle is making contact with the tow point allowing the shackle to move to the scenario, with the bridle being as long as possible to share the load between the two mounting points on the chassis.

Connect the Roadsafe 4WD snatch strap to the bridle via feeding the bridle through the snatch strap eye, avoiding the use of extra bow shackle's.



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RP-HIL15 FITTING—CONTINUED

- From the front of the vehicle on the vertical chassis rail bracket—replace the previously used bolts with supplied High tensile M10 x 30mm in the top and bottom holes with washers & nyloc supplied.
- The middle hole that has a factory nut welded to the inside can now have the bolt removed, install supplied M10 x 50mm H/T long bolt from the front of the vehicle through the factory nut, tighten to 45nm, on the back side of the tow point fit the supplied 5mm spacer and M10 washer, secure with M10 nyloc to the back of the bolt and tighten to 45nm.



All mounting bolts are now in place, tighten all bolts to specs provided below

Bolt Torque Specs			
	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

- Hardware supplied with RP-HIL15—
- 8 x M10 x 30 x 1.25 Grade 8.8 Hi tensile Bolts
 - 2 x M10 x 50 x 1.25 Grade 8.8 Hi tensile Bolts
 - 16 X M10 Flat washers
 - 6 x M10 Nyloc nuts
 - 4 x M10 Split washers
 - 2 x M12 x 100mm Grade 8.8 Hi Tensile bolts
 - 8 x M12 Flat washers
 - 4 x M12 Nyloc nuts