


# ROADSAFE RPHIL05V2 Recovery Tow Points Instructions

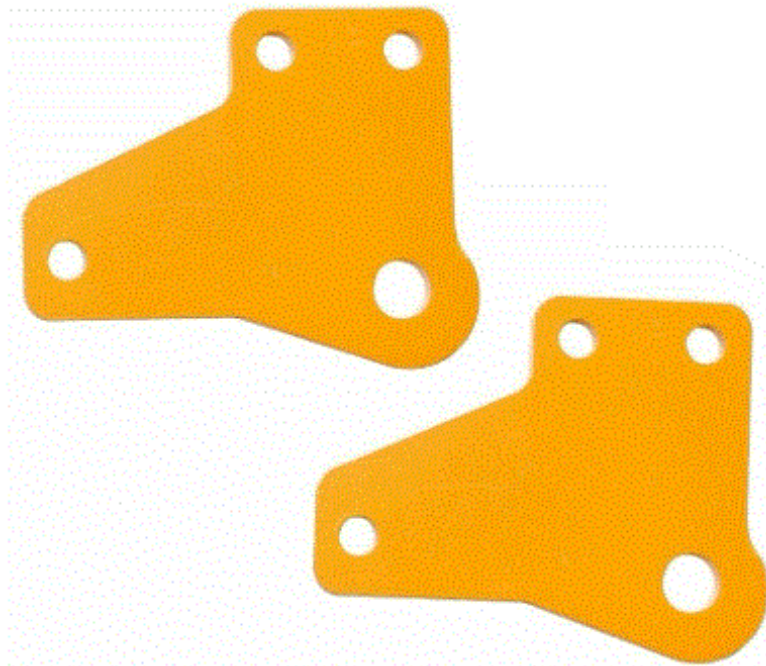
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# ROADSAFE

## ROADSAFE RPHIL05V2 Recovery Tow Points



## Product Information

This product is a recovery point (part number RPHIL05V2) designed to be compatible with the Toyota Hilux KUN

2005-15 model. It is used for towing and recovery purposes and is rated to a maximum weight of 3250 kg. The recovery point should only be used with a shackle that is rated to a maximum weight of 3.25MT. The product is fitted to the front of the chassis rail near the bottom of the shock mount.

### Fitting Instructions

1. Each side of the chassis uses 2 x M12x1.25mm x 110L & 1 x M12x1.25 x 55L bolts. Flat washers should be fitted to both the bolt head and nut end.
2. Bolt the recovery points to the outside front of the chassis rail, near the bottom of the shock mount.
3. Use the provided stepped and standard crush tubes inside the chassis rail for lateral support. Use a flat plate washer at the nut end of the bolts.
4. Ensure that three bolts per tow point are fitted and torqued to the recommended settings to meet tested standards.

### Fitting Issues

There have been reported fitting issues when a Bull Bar is installed. The shackle hole on the tow point may be difficult to access depending on the combination of bull bar and bash plate design. It is advised to check if both mounting holes can be accessed before ordering these tow points, especially if a bull bar is already installed.

### Bolt Torque Specifications

The following torque specifications should be followed when tightening the bolts:

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

### Important Note

It is important to always use tow points as a matched pair and connect them with an equalizing bridle during any recovery situation. Failure to do so may result in serious injury or death.

**Note:** This product is recommended for installation by 4WD specialist mechanics. Manufacturer names are used for reference purposes only.

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### COMPATIBLE WITH PRODUCT PART NUMBER

TOYOTA HILUX KUN 2005-15 RECOVERY POINT RPHIL05V2

### FITTING INSTRUCTIONS

Due to the 05-on Hilux chassis design, it is imperative that two points are used in conjunction with each other via a bridle strap. This is to avoid damage or unnecessary strain to the chassis, which can increase fatigue causing possible chassis failure. RPHIL05V2 is rated to 3250kgs only—and is only to be used with a shackle rated to maximum 3.25MT.

### **Fitted to Hilux 2005-on**

1. Each side uses 2 x M12x1.25mm x 110L & 1 x M12x1.25 x 55L bolts. Each Bolt is to have a flat washer fitted to both the bolt head and nut end. High-tensile bolts supplied, with relevant flat washers.
2. These points bolt to the outside front of the chassis rail, near the bottom of the shock mount (near where the existing tie-down loops are).
3. Use the stepped & standard crush tubes inside the chassis rail to provide lateral support. Use the flat plate washer at the nut end of the bolts.
4. Ensure three bolts per tow point are fitted and torqued to recommended settings to ensure tow points meet tested standards.

### **FITTING ISSUES**

It has been reported that these points have had fitting issues when a Bull Bar is installed. The issue seems to be that the Shackle Hole on the Tow Point is sometimes difficult to access depending upon the bull bar and bash plate design combination. Please check that you can access both mounting holes for fitment, if you have a bull bar, prior to ordering these tow points.



This is the mount from a Genuine Bull Bar. This mount strap uses the bolt hole (below the shock mount) that is required by the tow point. It also conceals the third hole required for correct tow point mounting.

### **Hardware supplied**

- 2 x flat plate washers
- 2 x 53mm standard crush tubes
- 2 x 53mm stepped crush tubes
- 4 x M12x1.25 x 110L bolts
- 2 x M12x1.25 x 55L bolts
- 4 x nyloc nuts
- 8 x flat washers



## Bolt Torque Specs

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

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, which can result in serious injury or death.

### IMPORTANT NOTE

Always use tow points as a matched pair teamed with an equalizing bridle during any recovery situation.



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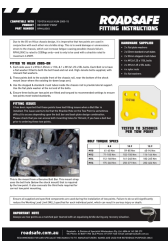
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RECOMMENDED FOR 4WD SPECIALIST MECHANICS TO FIT. MANUFACTURERS' NAMES ARE USED FOR REFERENCE PURPOSES ONLY.

## Documents / Resources



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RPHIL05V2 Recovery Tow Points, RPHIL05V2, Recovery Tow Points, Tow Points, Points