



## ROADSAFE RPCRU200V1 Recovery Tow Points Instructions

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### ROADSAFE RPCRU200V1 Recovery Tow Points



### Product Information

The RPCRU200V1 recovery point is designed for fitment on Toyota Land Cruiser 200 Series vehicles without a Bull Bar. It is compatible with the following part number: RPCRU200V1. The tow point mounting holes are slightly elongated to allow tolerance for chassis manufacture. The tow points are marked with 'L' and 'R', indicating their

positioning on the LHS (passenger side) and RHS (driver side) of the vehicle respectively. The factory tie-down point needs to be removed to install the tow point. The tow points are tested to a maximum load of 5000kgs per tow point.

## Product Usage Instructions

1. Ensure the vehicle does not have a Bull Bar installed.
2. Identify the tow points: the one marked with 'L' is for the LHS (passenger side) and the one marked with 'R' is for the RHS (driver side) of the vehicle.
3. Remove the factory tie-down point to allow fitment of the tow point.
4. Install each tow point using two M12x1.25 bolts supplied. Use flat and spring washers (one of each per bolt) and include a nut for retention. These bolts are to be used in the two rearmost holes of the tow point.
5. For TJM & Ironman Bars, drill a hole in the support bracket and supply a nut/bolt to suit for the forwardmost mount hole of the tow point. This step is not applicable for ARB bars, as the support bracket is not located in this position. Note that if fitted with an ECB bull bar, longer high-tensile 12.9 bolts (not supplied) will be required.
6. Ensure two bolts per tow point are fitted (three bolts for TJM & Ironman bar applications) and torqued to the recommended settings mentioned below to meet tested standards.

## Bolt Torque Specifications:

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

**Important Note:** Always use tow points as a matched pair and use an equalising bridle during any recovery situation. Make sure to follow the recommended torque settings and use all supplied and specified components during installation. Failure to do so can significantly reduce the Working Load Limit (WLL) and may result in serious injury or death.

## Contact Information:

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**Note:** Recommended for 4WD specialist mechanics to fit. Manufacturers' names are used for reference purposes only.

### Hardware supplied

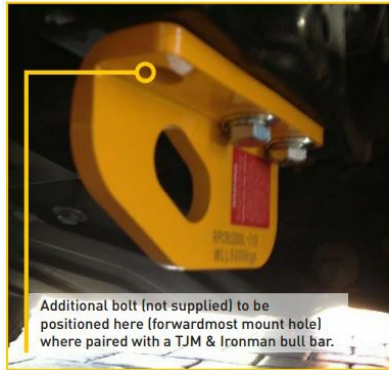
- 4 x M12x1.25 bolts
- 4 x M12x1.25 nuts
- 4 x M12 flat washers
- 4 x M12 spring washers

### FITTING INSTRUCTIONS

The RPCRU200 has been designed for fitment on 200 Series WITHOUT a Bull Bar. If a Bull Bar is fitted modifications might be required to the bar bracket, or longer bolts might be required (not supplied).

### Fitted to 200 Series Toyota Land Cruiser Bolt Torque Specs

1. The tow point mounting holes are slightly elongated to allow tolerance for chassis manufacture.
2. The tow points are sided—with the one marked with the 'L' to be positioned on the LHS (passenger side) of the vehicle & the one marked with the 'R' to be positioned on the RHS (driver side) of the vehicle. The hole for the shackle should be forward.
3. The factory tie-down point will need to be removed to allow fitment of the tow point
4. Each tow point is to be installed with 2 x M12x1.25 bolts supplied, and retained with a nut, remembering to include the flat & spring washers (one of each per bolt). These bolts are to be used in the two rearmost holes of the tow point.
5. A third bolt/nut is to be used in the forwardmost mount hole of the tow point. For TJM & Ironman Bars, you will need to drill a hole in the support bracket & supply a nut/bolt to suit. This will not be applicable for ARB bars, as the support bracket is not located in this position. Note (12/1/16) that if fitted with ECB bull bar will require longer high-tensile 12.9 bolts (not supplied).
6. Ensure two bolts per tow point are fitted (three bolts for TJM & Ironman bar applications) and torqued to recommended settings to ensure tow points meet tested standards.



## 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

**IMPORTANT NOTE:** Always use tow points as a matched pair teamed with an equalising bridle during any recovery situation.



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.

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

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**Documents / Resources**



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RPCRU200V1 Recovery Tow Points, RPCRU200V1, Recovery Tow Points, Tow Points

References

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Manuals+.