



Part Number—
SB003

Patrol Rear Coil Tower Reinforcing Brackets



The GQ & GU Nissan Patrols are known for having issues with their rear coil towers. When the vehicles are used extensively off road, this issue is emphasised. With vehicles that are heavily laden it is known for the coil tower brackets at the rear to crack or possibly even tear away from the chassis rail. This has several severe implications...

- Vehicle leans to one side
- Torn chassis rail
- Possible cracks in chassis rail
- Squashed fuel &/or brake lines leading to possible rupture
- Diminished handling capabilities

The SB003 kit developed by Roadsafe 4WD allows the factory coil tower bracket to be reinforced to assist in supporting these loads. The kit is designed to be welded into place, inside the existing coil tower.

In some instances where a repair is required due to cracked/broken coil tower, you will need to mend the existing damage and may find it easiest to install the SB003 kit simultaneously to hold in place whilst pulling back into shape. If it's a basic install you should allow 3 – 4 hour's workshop time for completion.

Installation

1. Disconnect negative battery terminal.
2. Raise vehicle on hoist (employing all relevant safety requirements).
3. Support diff housing, remove lower shock mount and remove coil springs.
4. Choose the correct LH or RH kit for the side you are working on.
5. Grind back the surface of the factory coil tower in preparation for welding.
6. Put in place to ensure it lines up, hold in place with vice grips/clamp of some description.
7. You might need to modify (trim) side brackets to get desired shape re. best fitment.
8. Some adjustments with the use of a hammer will be required to have the reinforcing plates sit tight into the bends of the tower. Ensure you get the brackets as tight to the existing coil tower as possible.
9. Once tacked into position and happy with the fitment, each hole on the SB003 should be plug welded to ensure the strength is maximized.
10. Once completed clean area with a wire brush as best as possible and apply a kill rust paint to the finished area.

