



Drop Box FITMENT GUIDE

GQ & GU PATROL Drop Box— Bolt In Version

Part Numbers—
LHS—DBPATL-B
RHS—DBPATR-B

Suitable for GQ & GU Patrol. Designed to allow for the radius arm to be dropped 70mm below the chassis to correct caster geometry & improve ride/articulation. Suits 3-4" lift.

- Step 1 - Support vehicle properly on stands or hoist. Remove the front Panhard Rod, Coils & Tie Rod (steering rod behind the diff). You can leave shocks connected after removal of coils.
- Step 2 - Remove factory sway bar & link pins. Drop Boxes can still use your sway bar, but you will need to fit extensions or disconnects.
- Step 3 - Support gear box cross member with gearbox stands.
- Step 4 - Roll diff forward and remove the Radius Arms from chassis—both sides.
- Step 5 - *APPLICABLE ONLY to TRIM in STYLE Drop Box—mark out rectangle on the underside of the chassis where the radius arm connects. The size required is 80mm wide x 65mm back. Cut out with a grinder (4-5"), being careful NOT to cut the original radius arm box. Clean up the area, and paint the bare steel (anti corrosion).*
- Step 6 - Install large metal boss supplied from the front of the vehicle, as pictured
- Step 7 - Remove gear box cross member bolts from one side (allow for approx. 20mm gap between chassis and crossmember. Install Drop Box from the front back wards and fit 16mm bolt through drop box, into steel boss. Place 8mm Bushing Washer to rear of drop box & loosely tighten. The inclusion of the large metal boss & 8mm boss washer ensures a good contact to the chassis to aid in preventing fatigue issues from "moving" or "walking" under load.
- Step 8 - Replace gear box cross member bolts loosely. Duplicate this procedure to the other side but do tighten any bolts until both drop boxes are installed. Once installed the 16mm bolt should be tightened first to 215nm. Once the two drop boxes are secure with the 16mm bolts, the gear box cross member bolts can be re-tightened to 150nm. Once tightened into place it is normal for a small gap to be visible between the chassis & the front of the drop box. This is purely because the factory chassis is slightly curved and the drop boxes are manufactured straight.
- Step 9 - Check that the Radius Arm bushings (caster bushings in the front) are 'standard' and not offset. If offset, ensure bushings are changed to standard prior to fitting the arms. Check bushings for tears and fatigue. It is highly recommended that radius arm bushings are replaced prior to fitting the arms.
- Step 10 - Place radius arms into lower mounting position in the drop box, reusing the existing OE or standard aftermarket rubber bushings and washers on each side. You might need to rotate the diff slightly to get the bolts in place. Tighten all radius arm bolts and nuts to factory torque setting.
- Step 11 - With drop boxes installed, you can now replace the front Panhard Rod, Coils & Tie Rod. If the sway bar is to be reinstalled, you will need to purchase extended sway bar links (STB8828ET).
- Step 12 - Lower car from hoist. There is no need for wheel alignment.

Drop Boxes are sold for Off-Road Use Only. Roadsafe does not imply or suggest that this product are legal and/or approved for public road use. It is solely up to the end purchaser to check with Local/State Transport Department to determine if these products are legal to be used on your vehicle for public road use. Roadsafe accepts no responsibility for products supplied if they do not meet relevant state approvals to be used on Australian roads.



Kit Contents—per Drop Box

1 x Drop Box
1 x Bushing
1 x 8mm Bushing Washer
1 x 90mm M16xP2.0 Bolt
1 x M16xP2.0 Nyloc Nut

Drop Box is Sold Individually—but should be fitted as a matched pair.

RECOMMENDED FOR INSTALLATION BY A SPECIALIST 4WD MECHANIC