

# GU Patrol Drop Boxes

## Suited to 3" & 4" Lifts

The Roadsafe Drop boxes are designed to allow for the radius arms to be dropped slightly below the chassis to correct the castor geometry and allow the correct articulation of the suspension components and improve ride.

### Roadsafe Drop Boxes...

- Level the radius arm allowing the wheels to better follow the track surface increasing occupant comfort & traction.
- Eliminate the Preload on the Rubber Bushings permitting greater flex and longer bush life.
- Move the front diff forward approx. 10mm allowing clearance between tyre & guard.
- Space the Gear Box cross member down by approx. 8mm improving drive angles.
- Level the Radius arms solving the caster issues associated with suspension lift

### Some features of the design of the Roadsafe Drop Box...

- The reinforcing gussets are longer and heavier compared to other on the market = strength
- Some welds are hard to get to. So the components have been made with interlocking slots and tabs and those hard to reach welds have been done from the other side of the steel making thorough weld penetration = strength.
- The body of the drop box is tapered in reducing possibility of hang up.

*The Roadsafe drop boxes are a bolt in kit and are designed to suit 3-4 inch lifts. There is no welding required and the only minor cutting is done with a small angle grinder. Allow 3 hours for 2 people.*

The Drop Boxes are sold for the intention of Off-Road Competition Use only.

# Available Now!

E. &amp; O.E.

VIC - Phone 1300 651 551 Fax 1300 651 451  
QLD - Phone 1300 559 086 Fax 1300 559 842



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## Features & Benefits

### Roadsafe Drop Boxes...

- Level the radius arm allowing the wheels to better follow the track surface increasing occupant comfort & traction.  
When the vehicle is run at say a 3+'' lift the front radius arms are pointing downwards. When the vehicle hits a bump and the wheels need to go up, the front axle has to move forwards in order to move upwards, contributing to ride harshness. By lowering the pivot point so that the radius arms run level, when you hit a bump the wheels don't have to go forwards, but in fact they can go slightly backwards with no tendency to be pushed back under the car and thus reducing bounce and allowing the wheels to better follow the track surface increasing occupant comfort and traction..
- Eliminate the Preload on the Rubber Bushings permitting greater flex and longer bush life.  
When any suspension lift is fitted the pivot bushes are preloaded. This will cause premature wear of the bushes and limit suspension droop that is a desirable factor when fitting long travel suspension. Drop boxes eliminates the preload on the rubber bushes permitting greater flex and longer bush life..
- Move the front diff forward approx. 10mm allowing clearance between tyre & guard.  
When Drop Boxes are fitted they move (push) the front diff forwards by 10mm, extending the wheel base and offering more tyre clearance at the mud flap area of the guards. No need for Radius Arm Spacers when Drop Boxes are installed..
- Space the Gear Box cross member down by approx. 8mm improving drive angles.  
When Drop Boxes are fitted they space the g'box cross member down by 8mm, improving drive line angles. All SWB Patrols with more than 2'' of lift need to space the cross member down and spacers normally cost around \$95 - Not needed with these drop boxes..
- Level the Radius arms solving the caster issues associated with suspension lift  
The radius arms becoming level solve the castor issues associated with suspension lifts and so castor correction bushes or castor plates are not needed with these drop boxes..

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