



# ROADSAFE DDNAV22 Diff Drop Instructions

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## ROADSAFE DDNAV22 Diff Drop



### Product Information

The product is a Diff Drop kit designed for the Nissan Navara D22 vehicle. The product code for this kit is DDNAV22. It includes various components to facilitate the installation of the dropped cross member and offset bushings.

### **Kit Contents:**

- 1 x Machined Steel cross-member
- 4 x M12 flat washer – zinc
- 2 x Two-Piece Offset Bushing (Crush Tube included)
- 3 x M10x1.25P x 20L bolts – zinc
- 4 x M12x1.25P x 20L bolts – zinc
- 3 x M10 flat washer – zinc

The front factory bash plate needs to be removed and kept for refitting. The main X member should be removed and replaced with the supplied dropped cross member. The diff mounting brackets should be transferred to the new X member, and the rearmost X member should be removed and fitted with the supplied offset bushings.

### **Product Usage Instructions**

1. Properly support the vehicle on stands or hoist. Remove the front bash plate from the vehicle.
2. Support the diff housing with a gearbox stand as required.  
Remove the front diff mount bolts and remove the cross member from the vehicle.
3. Remove the factory diff brackets from the cross member and fit them to the new dropped cross member using the new bolts and washers provided.
4. Reinstall the cross member to the vehicle and leave the bolts loose.
5. Reposition the gearbox stand to best support the diff at the rear cross member. Remove the rearmost cross member by removing the two bolts above the diff center and then removing the remaining bolts to the chassis mount.
6. Remove the cross member from the vehicle and replace the OE bushings with the supplied two-piece bushings. Install the crush tube to the bushing, keeping the offset hole in the uppermost position as pictured.
7. Refit the cross member to the vehicle and tighten all bolts to the factory-specified torque settings.
8. Refit the factory bash plate. Due to the height change with the mounting on the dropped cross member, some alteration to the bash plate is required to align holes.

**Note:** It is recommended to have this kit installed by a specialist 4WD mechanic.

### **Contact Information:**

[Roadsafe.com.au](http://Roadsafe.com.au)

A division of Specialist Wholesalers Pty. Ltd. ABN 64 163 280 279

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### **FITTING INSTRUCTIONS**

- VEHICLE Nissan Navara D22
- PRODUCT Diff Drop
- PRODUCT CODE DDNAV22

## KIT CONTENTS

- 1 x Machined Steel cross-member
- 2 x Two-Piece Offset Bushing (Crush Tube Inc.)
- 4 x M12x1.25P x 20L bolts—zinc
- 4 x M12 flat washer— zinc
- 3 x M10x1.25P x 20L bolts—zinc
- 3 x M10 flat Washer—zinc

## INSTALLATION

1. Front factory bash plate to be removed—keep for refitting.



2. The Rearmost X member is to be removed and fitted with offset bushings



3. Close-up of main X member to be removed & replaced.

ROAD-SAFE-BT101-Auxiliary-Battery-Tray-fig- (3)

4. Transfer diff mounting brackets to the new X member as pictured.

ROAD-SAFE-BT101-Auxiliary-Battery-Tray-fig- (4)

5. Supplied offset bushes to be fitted to the rear cross member.

BT101

6. Install supplied dropped cross member with factory diff mounts to vehicle.

ROAD-SAFE-BT101-Auxiliary-Battery-Tray-fig- (6)

7. Rear view of rear X member being reinstalled with offset bushings installed.

ROAD-SAFE-BT101-Auxiliary-Battery-Tray-fig- (7)

## INSTRUCTIONS

1. Support vehicle properly on stands or hoist. Remove the front bash plate from the vehicle.
2. Support diff housing with gearbox stand as required. Remove front diff mount bolts & remove a cross member from the vehicle.
3. Remove the factory diff brackets from the cross member and fit them to the new dropped cross member with new bolts & washers supplied.
4. Reinstall to vehicle and leave bolts loose.
5. Reposition the gearbox stand to best support the diff at the rear cross member. The rearmost cross member needs to be removed. Two bolts above the diff center need to be removed; then remove the remaining bolts to the chassis mount.
6. Remove cross member from vehicle and remove OE bushings from cross member, replace with supplied two-piece bushings. Keeping the offset hole to the uppermost position as pictured, install the crush tube to the bushing.
7. Refit cross member to the vehicle and tighten all bolts to factory-specified torque settings.


8. Refit factory bash plate. Due to the height change with the mounting on the dropped cross member, some alteration to the bash plate is required to align holes.

RECOMMENDED FOR INSTALLATION BY A SPECIALIST 4WD MECHANIC

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## Documents / Resources

	<p><a href="#">ROADSAFE DDNAV22 Diff Drop</a> [pdf] Instructions DDNAV22 Diff Drop, DDNAV22, Diff Drop, Drop</p>
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## References

- [roadsafe.com.au](http://roadsafe.com.au)

Manuals+