

# Installation Guide

## Rear Differential – Front Mount

Suits: Mitsubishi Pajero NM-NX 2000-on.

(Always refer to the current catalogue for complete application listings).

N.B. This instruction sheet should be used in conjunction with the workshop manual.

- 1: Raise the vehicle on a hoist or raise the rear of the vehicle and support on chassis stands.
- 2: Remove the rear sway bar from the vehicle. Refer image 1.
- 3: Remove the cross brace mounted under the rear differential. Refer image 1.

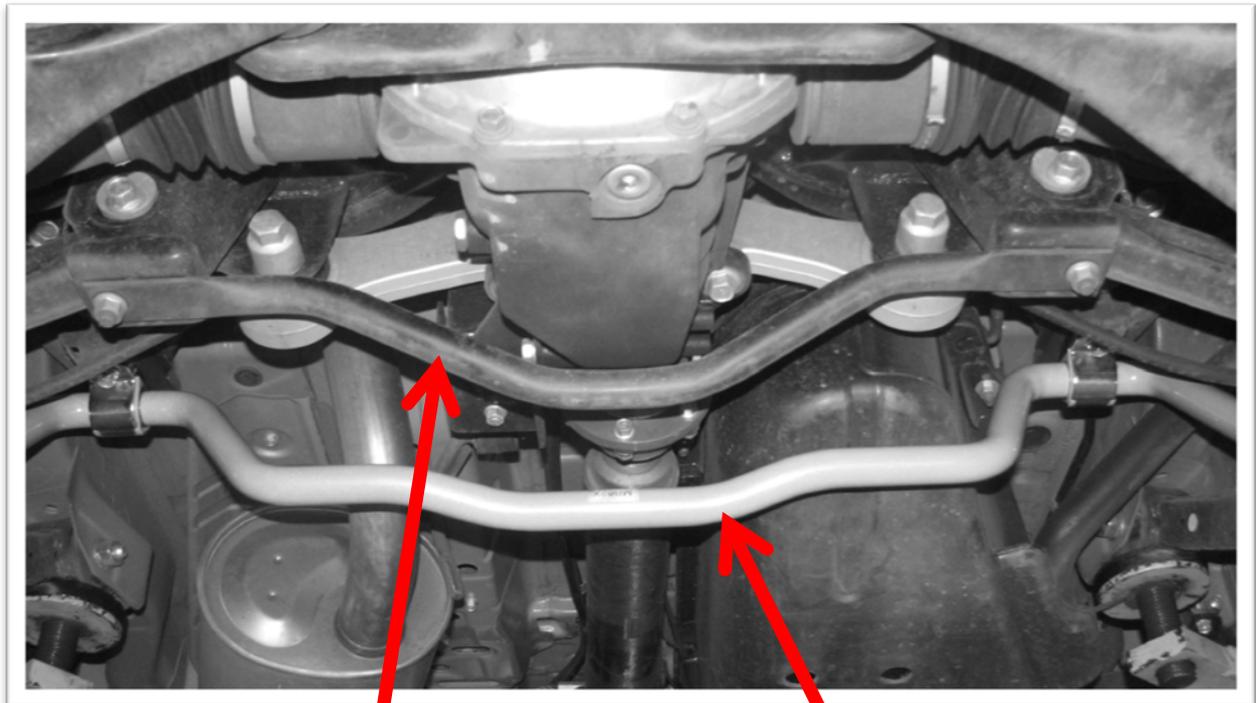


Image 1

Cross brace

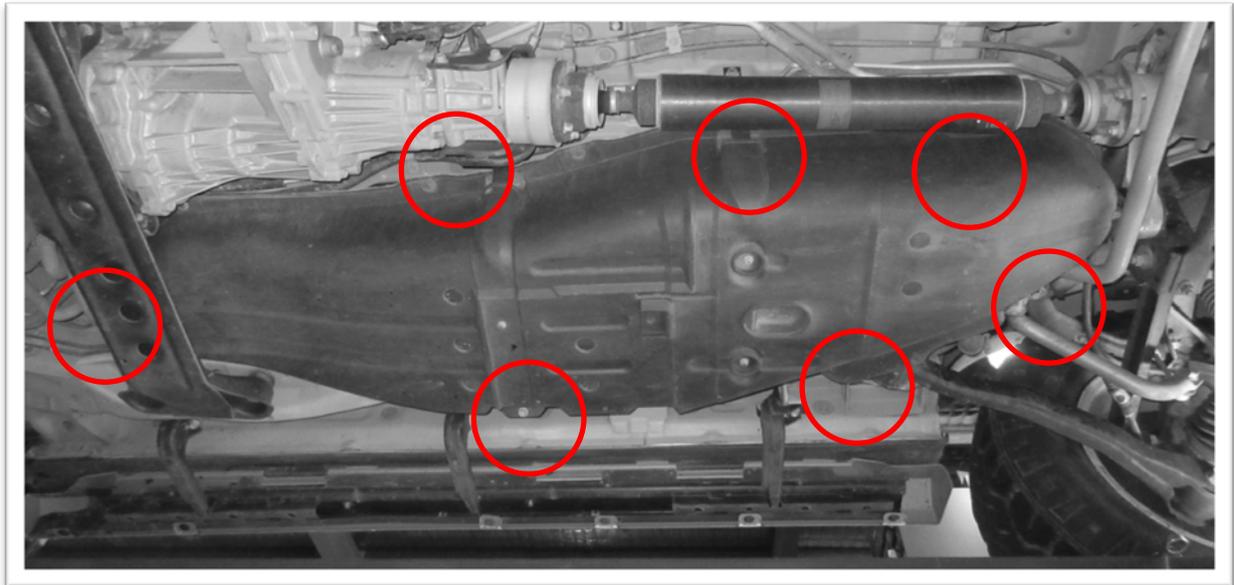
sway bar

- 4: Support the rear of the fuel tank and remove all fuel tank retaining bolts. Refer image 2.

**Note:** The front of the fuel tank will rest on the gearbox cross member.

**Note:** The fuel tank needs to be lowered just enough to remove the RH horizontal differential mount bolt.

**CAUTION:** Lowering the fuel tank too far may stress or break lines to the tank.



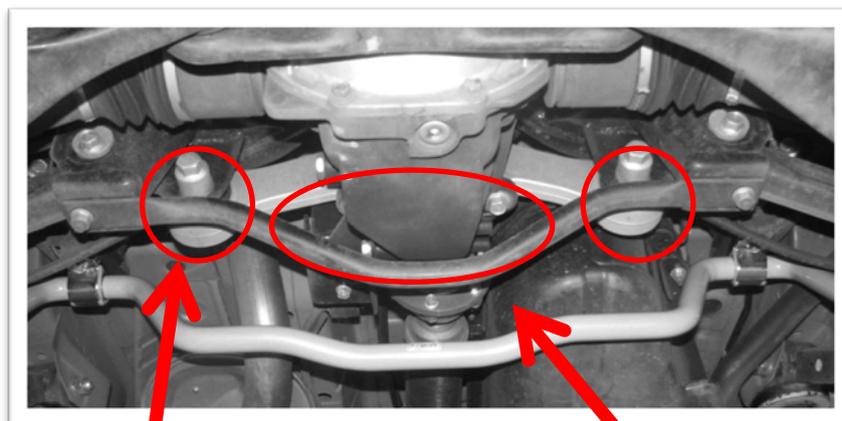
**Image 2**

**Note:** Approximate position of fuel tank mounting bolts

**5:** With the tank lowered at the rear, support the front of the rear differential housing and remove the 2 x horizontal mounting bolts of the alloy differential cross member.

Then remove the 2 x vertical retaining bolts of the alloy differential cross member.

Refer image 3.



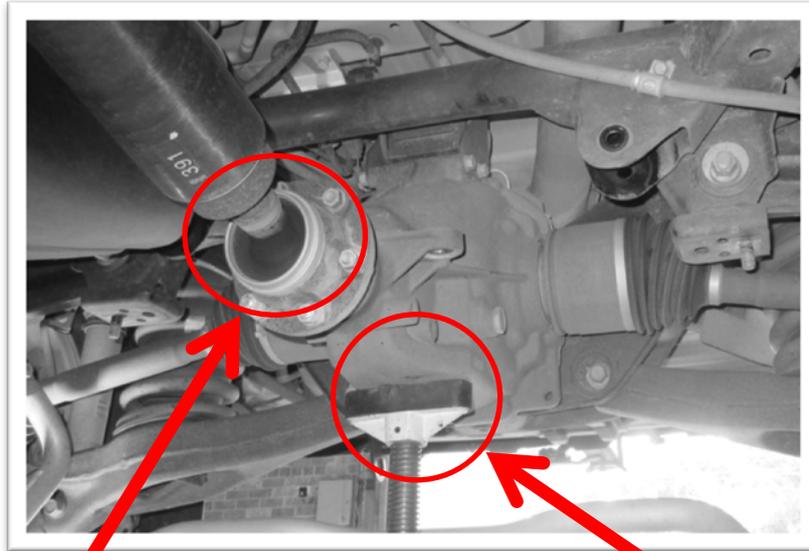
**Image 3**

**Horizontal mount bolts**

**Vertical mount bolts**

**6:** Lower the front of the differential housing and remove the alloy differential cross member. Refer image 4.

**CAUTION:** Do not lower the differential too far as the drive shaft flex boot can pinch.



**Image 4**

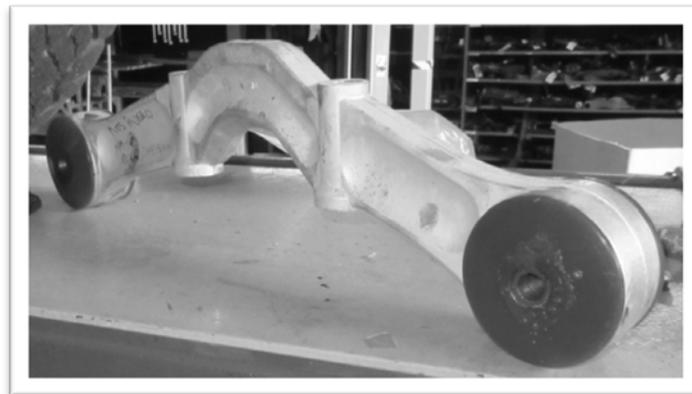
**Pinch point**

**Differential supported**

**7:** With the alloy differential cross member removed, use a suitable press tool to remove the old steel cased bushings and discard. Inspect the alloy differential cross member for wear, cracks and serviceability. Repair or replace as necessary.

**8:** Install the supplied 68526 bushings (2 per eyelet) into the housing and lubricate the bore of the bushings and chassis contact faces only.

**9:** Install the supplied centre tubes.



**Image 5**

**10:** Re-install components in reverse order as per instruction sheet steps 6 through 2.

Note: Retention all removed components to manufacturers specifications.

N.B. It is recommended that a licensed workshop or tradesperson carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.