



Fitting Instruction for MFK1905, MFP1905 & MFP1905ZD LS V8 to Patrol Bell Housing Adaptor Kit



Important Information

This instruction booklet can be used standalone for the above stated conversion but we would also recommend having a workshop manual for your Nissan Patrol vehicle to cover any factory torque / installation settings.

The instruction booklet describes the required modifications (if any) and installation process in order for our kit to fit and work properly.

Marks 4WD Adaptors cannot and will not take responsibility for knowing everything that may impact on your conversion. Before beginning any work, thoroughly work through the sequence of changes, work and potential impact of your conversion. You must ensure you completely understand all the factors that may impact on achieving your desired results.

Step 1 Remove Original Nissan Bell Housing

Undo the 6 internal bolts holding the Nissan bell housing to the gearbox and remove the bell housing.



Image 1.1 Remove factory Nissan Bell Housing



Image 1.2 Remove front cover

Undo the 9 bolts that secure the factory Nissan front cover/nose cone on the gearbox.

Step 2 Prep the New Bell Housing

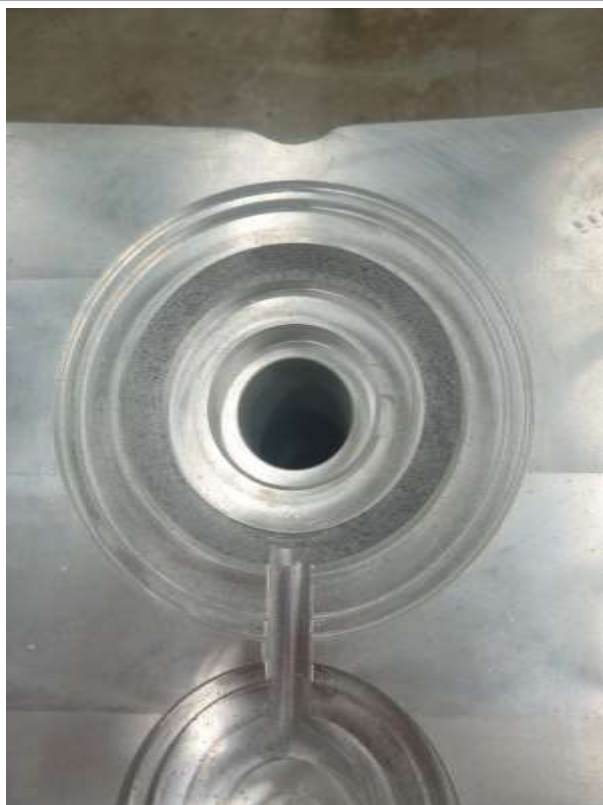


Image 2.1 Seal location.

Install the supplied seal to the new bell housing ensuring the flat side of the seal is facing towards the engine side of the bell housing.

The edge of the seal is designed to sit flush with the machined alloy surface.

See photos.



Image 2.2 Seal orientation



Image 2.3 Seal fitted

Step 3 Fit Bell Housing to Gearbox

After the bell housing and front cover have been removed clean all mating surfaces on the gearbox and new bell housing with brake or carby cleaner.



Image 3.1 Clean mounting surface.



Image 3.2 Gasket sealant

Smear gasket maker/sealant on all mating surfaces between gearbox and new bell housing. Make sure the 2 gearbox dowels are still fitted to the front of the gearbox.

Note: Follow the gasket makers directions for use



Image 3.4 Fit the new bell housing

Mount the new bell housing onto the gearbox. The dowels will line up the bell housing to the front of the gearbox – a few small hits with a soft hammer might be required to get the 2 faces to meet.



Image 3.5 Fit bell housing bolts

Use the 6 – M12 x 1.75 x 35mm bolts, flat washers and spring washers supplied to secure the new bell housing to the gearbox.

4 bolts get installed inside the bell housing and the 2 bottom bolts are installed on the outside of the bell housing.

Tighten to factory specifications.

Note. The factory Nissan clutch master cylinder (leave the booster on the firewall) and clutch lines need to be removed as they are replaced by the new master and braided line supplied in our kit.

The end of the hose with the bent banjo goes onto the new master with the 3/8 imperial banjo bolt and washers.



Image 3.6 Fit bell housing bolts

Terms and Conditions

Thank you for purchasing this product manufactured by Marks 4WD Adaptors. Components supplied in this kit are designed and machined for a specific conversion only as outlined in this guide. Modifications to or substitution for any of the components without the written consent of Marks 4WD Adaptors will void any possible warranty or return privileges.

The following instructions are intended as a guide and only for Marks 4WD Adaptors kits. If you do not fully understand the steps, modifications or changes required to complete the conversion, contact our sales department for more information. We recommend that you purchase a service manual pertaining to your vehicle for specific torque values, wiring diagrams and other related information.

Contact Information

Web: <http://www.marks4wd.com/>

Email: sales@marks4wd.com

Phone: + 61 3 9552 6555

Address: 385-393 Lower Dandenong Rd
Dingley Victoria 3172
Australia