



Fitting Instructions for MFK40330 ZD30 Radiator to 4.8l Patrol



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 vehicle to cover any factory Nissan Patrol torque / installation settings to complete the transfer case adaptor installation to your Nissan Patrol.

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.

Kit Contents

This kit contains the following parts. Before beginning any work ensure that you have all parts.

Part No.	Quantity	Part Description
MFC40325	1	ZD30 Radiator to 4.8/5/2 Patrol Lower Bracket
MFC40330L	1	ZD30 Radiator to 4.8/5/2 Patrol Upper Bracket LH
MFC40330R	1	ZD30 Radiator to 4.8/5/2 Patrol Upper Bracket RH
NS-M8	2	Nutsert - M8 x 1.25 M/S Z/P
MFC20015	2	Spacer - 20 x 10 x 20.3L
NT-2005	4	Nut - M6 x 1 - Captured Anti-Vibration Washer
BHCS-M6-16	4	Screw - M6 x 16mm - Button Socket Head - Z/P
BT-2070	2	Bolt - M8 x 1.25 x 35mm - H/T Z/P
BT-2060	2	Bolt - M8 x 1.25 x 20mm - H/T - Z/P
BT-2025	2	Bolt - M6 x 1 x 20mm - S/S
FW-2050	4	Flat Washer - M8 x 19 x 2L - H/T - Z/P
FW-2045	2	Flat Washer - M6 x 12.5 - S/S
SW-2065	4	Spring Washer - M8 - S/S
SW-2050	2	Spring Washer - M6 - S/S

1. Remove old radiator.
2. Remove original lower radiator supports and attach to new lower bracket shown in image 1.1 below, use button head socket headed cap screw to secure lower radiator supports to bracket.



Image 1.1

3. Place lower bracket in position using two BT-2025, Bolt - M6 x 1 x 20mm - S/S, bolts in the top and two BT-2060, Bolt - M8 x 1.25 x 20mm - H/T - Z/P, bolts in the bottom holes shown in the picture below, do not tighten.



Image 1.2

4. Remove the original rubbers from original upper brackets and insert into new upper brackets.
5. With engine sitting correct and final position, lower the ZD30 radiator onto lower bracket then place the two upper brackets on radiator and loosely fasten with original flanged nuts.
6. The brackets have slotted holes, move the radiator left or right until a desired position is chosen.
Note: If using Marks fan shroud, centralise the fan to the shroud
7. Using the two bottom holes in the lower bracket as a guide drill the two holes to suit M8 nutserts. See image 1.3 below.

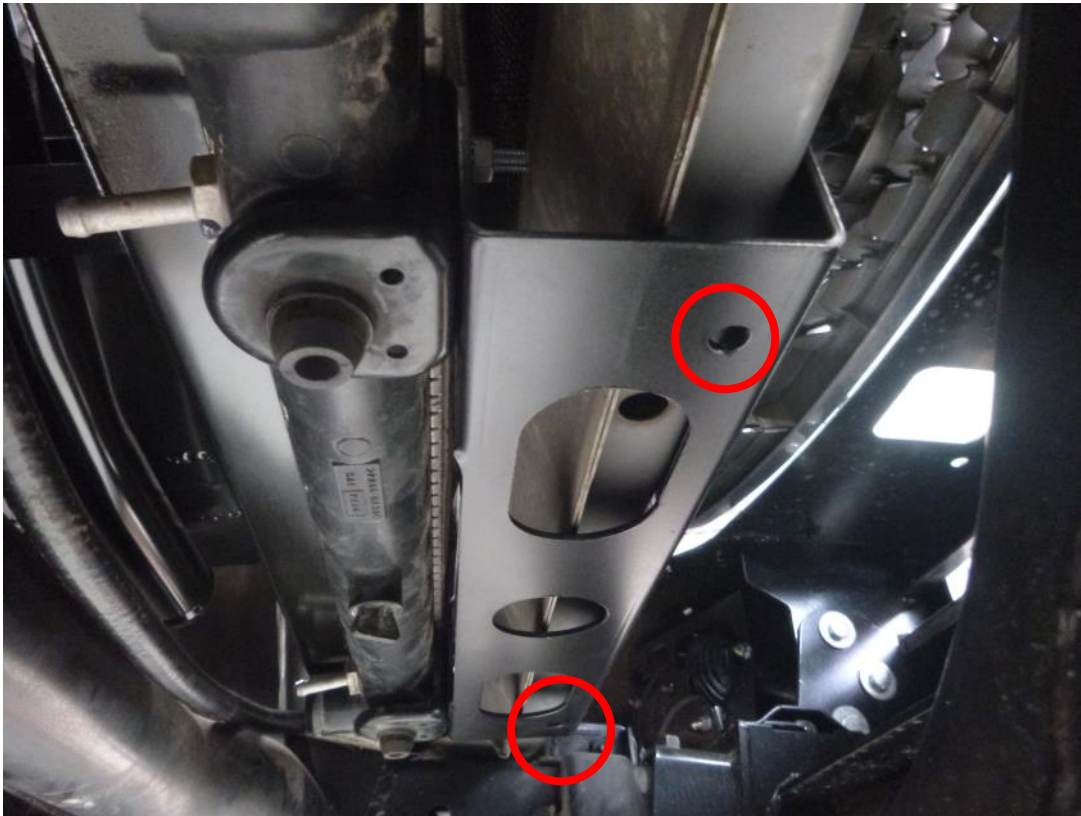


Image 1.3

8. Remove radiator and brackets and insert nutserts into drilled holes
9. Place lower bracket, radiator and upper brackets in vehicle with the brackets only loosely fitted.
10. Place the two spacers supplied between the lower bracket and nutserts and tighten using supplied two BT-2070 M8 x 1.25 x 35mm - H/T Z/P bolts.
11. Tighten all bolts on lower bracket then tighten the two nuts on the upper brackets



Image 1.4



Image 1.5

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.

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