



Fitting Instruction for MFK41235

Ryco Oil Catch Can Kit

Toyota VDJ 70 Series LandCruiser



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 and for the engine/transmission you are installing to cover any factory torque / installation settings to complete the installation.

The instruction booklet describes the required modifications (if any) and installation process in order for our kit to fit and work properly. These instructions **make no assumption** on whether additional changes need to be considered or made. It is highly possible that other aspects of your vehicle and/or third party products, eg. Engine, transmission etc. will have an impact on all that is required for you to achieve your desired outcome.

Marks 4WD Adaptors do not and cannot 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.

Operation Notes:

The oil collected in the Catch Can will need to be drained regularly. We recommend inspecting the unit and draining any captured oil every 10,000kms, however the frequency required will depend on your individual vehicle.

Drain plug must remain closed for correct operation of the catch can. Loosen the drain plug on the unit half to 1 full turn and let the oil drain into a pan or bottle. Retighten when completely drained.

See *Image 0.1*

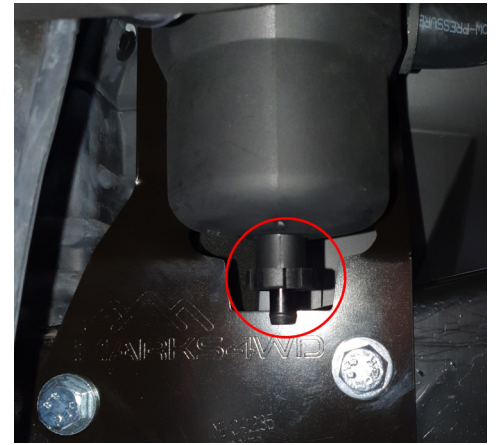


Image 0.1 Drain Plug

Filter Inspection:

Remove the T15 Torx screws (4) from the top of the catch can. Lift the top section, which includes the outlet port. You can now access the internal filter. Inspect & replace if required. (Replacement filter part number RCC151F.) Replace the filter element every 40,000kms. Washing the filter element is not recommended as filter separation efficiency is significantly reduced.

Step 1 PCV Hose

Locate the factory PCV hose at the front of engine. See *image 1.1*

Remove the factory PCV hose. See *image 1.2*

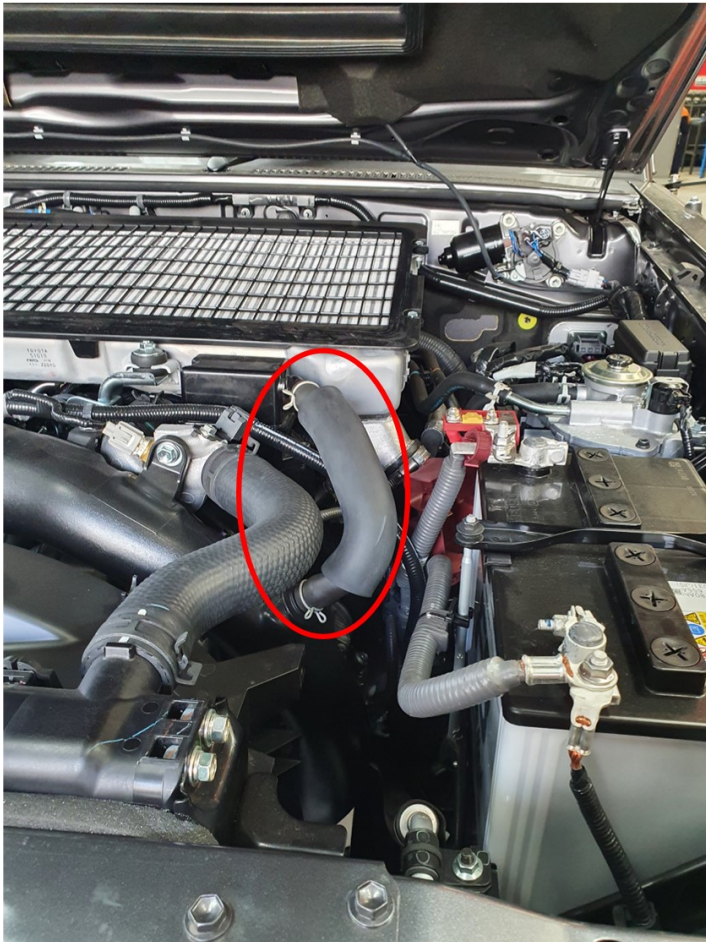


Image 1.1 PCV Hose

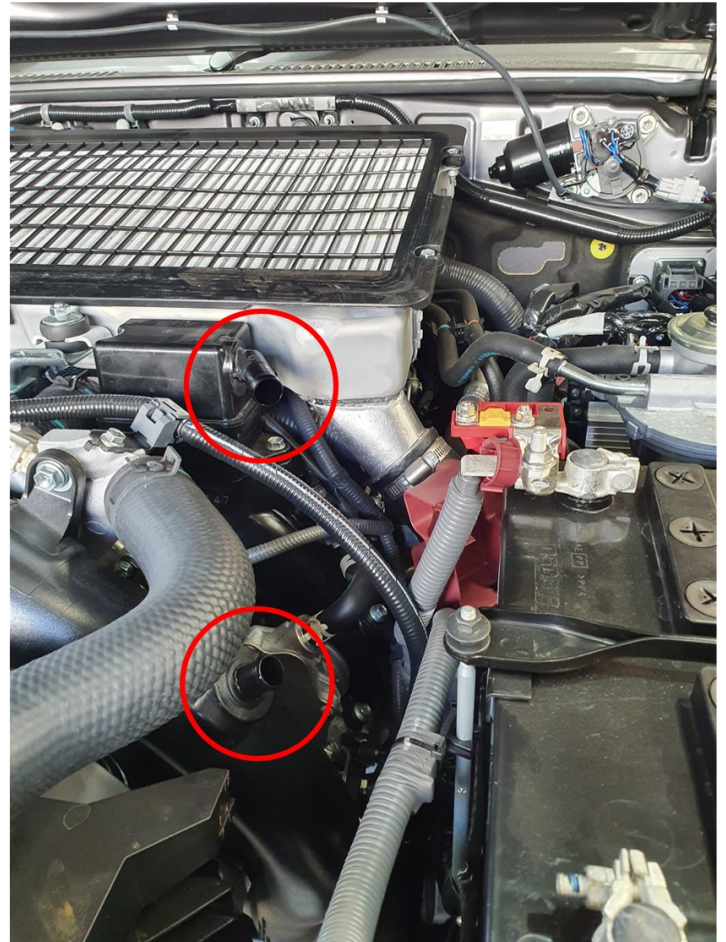


Image 1.2 PCV Hose Removed

Step 2 Ryco Catch Can Mount

Mount the RCC351 Ryco catch can onto the bracket by sliding the nylon bracket on the catch can into position. Making sure correct location & orientation. See Image 2.1 and Image 2.2



Image 2.1 Slide on Bracket



Image 2.2 Catch can on Bracket

Step 3 Ryco Catch Can Port Orientation

Rotate the RCC351 Ryco catch can so both ports are facing inline with the mounting face of the bracket. Tighten the T30 torx screw on the clamp to secure the the RCC351 Ryco catch can in the correct orientation. See Image 3.1 and Image 3.2



Image 3.1 Port Orientation



Image 3.2 Torx Head Bolt

Step 4 Hose Installation

Install the two supplied hoses and constant tension hose clamps to the oil catch can.
MFC41257 - Hose with single bend—inlet. MFC41258 - Hose with two bends—outlet.
Making sure correct location & orientation. See Image 4.1



Image 4.1 Hose Installation

Step 5 Access for Fitment

Remove or lift up the LH rubber inner guard and to allow access for fitment. See Image 5.1 and Image 5.2



Image 5.1 LH Rubber Inner Guard



Image 5.2 LH Rubber Inner Guard Access

Step 6 Install Catch Can to Chassis Rail

Use the bolt holes towards the front of chassis rail. See Image 6.1

Slide the catch can with hoses attached through the passenger front wheel arch and mount to the chassis rail.

See Image 6.2

The bracket is designed for mounting directly onto the outside of the chassis rail on the passenger's side of the vehicle, directly below the starting battery.

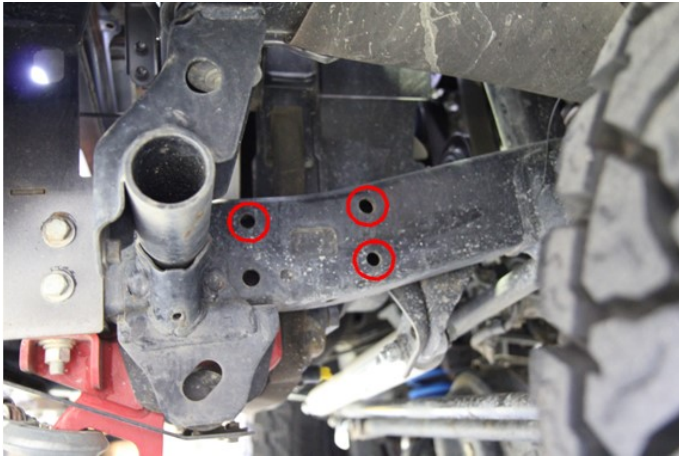


Image 6.1 Catch Can Mounting Holes



Image 6.2 Catch Can Installed

Step 7 Install Inlet & Outlet Hoses to Engine

Install the inlet and outlet hoses to the engine using the supplied constant tension hose clamps.

MFC41257 - Hose with single bend—inlet. MFC41258 - Hose with two bends—outlet.

Making sure correct location & orientation. See Image 7.1 and Image 7.2

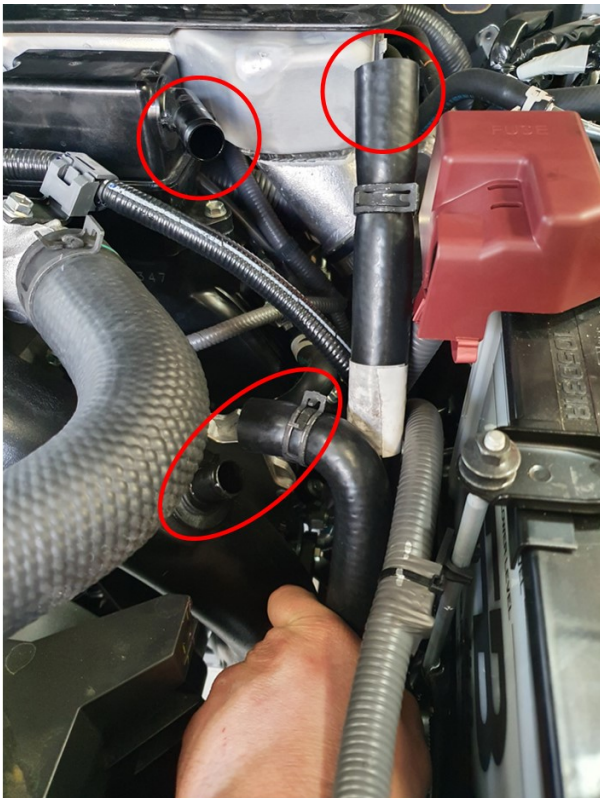


Image 7.1 Inlet & Outlet Hoses

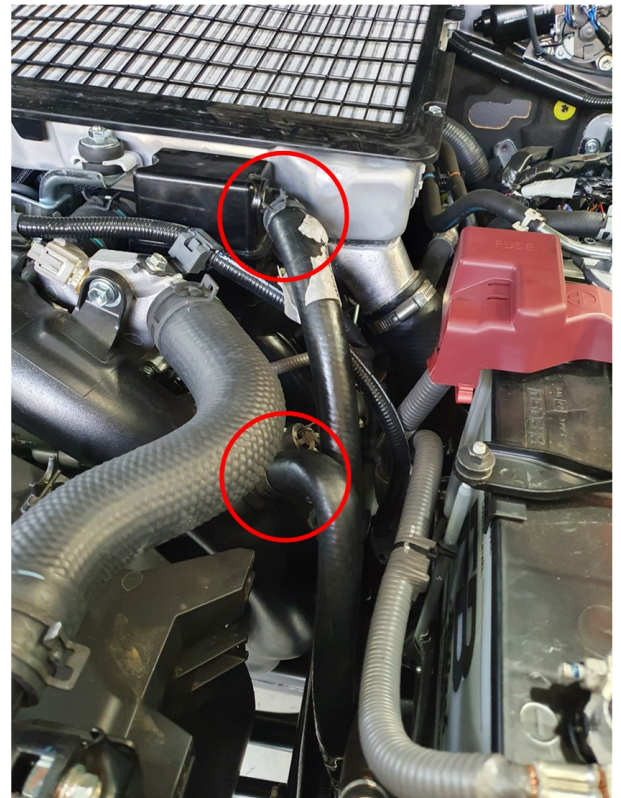
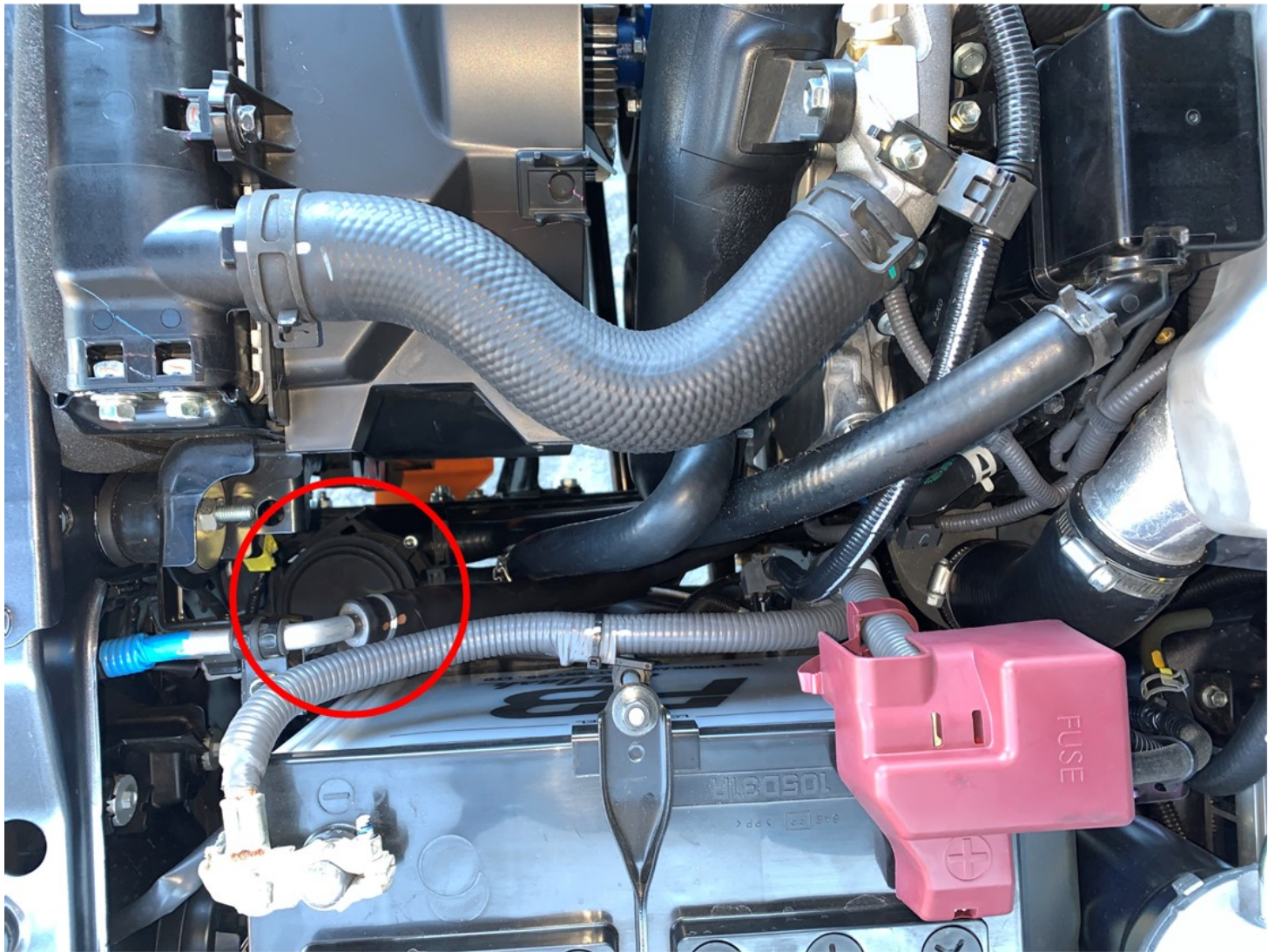


Image 7.2 Inlet & Outlet Hoses Connected

Step 8 Check All Hose Conections & Installation

Check all hoses & clamps are installed correctly and 3 mounting bolts are tight. Making sure correct location & orientation. Installation is now complete.



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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