



Fitting Instruction for MFK41025 & MFK41030 Bonnet Strut Kit 70 Series Toyota



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 torque / installation settings to complete the bonnet strut conversion installation to your vehicle.

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.

Note: If your vehicle is fitted with a second battery or aftermarket items on the inner guards you will need to check clearance to the bonnet struts and move or modify them if required

Kit Contents

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

Part No.	Quantity	Description
MFC41025L	1	Bonnet Strut Mount Left
MFC41025R	1	Bonnet Strut Mount Right
MFC41026	1	Power Outlet Box Bracket
903914 0450N	2	Gas Strut
4486MD	2	10 mm Ball Stud M8 x 13
KBSH1030M8	2	10 mm Ball Stud M8 x 30
NS-M6	8	Nutsert - M6 x 1 M/S Z/P
BHCS-M6-20	8	Button Head Cap Screw-M6-20

MFK41030 - extra

MFC41027	1	Accessory fuse box bracket
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Installing Bonnet Struts & Brackets

Install the 10 mm Ball Stud M8 x 30 on both passenger and drivers side. Use the M8 thread closest to the firewall, use Loctite on threads.

See image 1 & 2



Image 1



Image 2

Align the Bonnet Strut Mount with the natural curve of the bonnet—there is a left and right hand. **See image 3**



Image 3



Image 4



Image 5

The bottom of the bracket will measure 260mm (MY2017 models) to the middle of top of the bonnet hinge as shown in **image 4**.

Align the bracket so it sits square down the bonnet rib. **Image 5**



Image 8

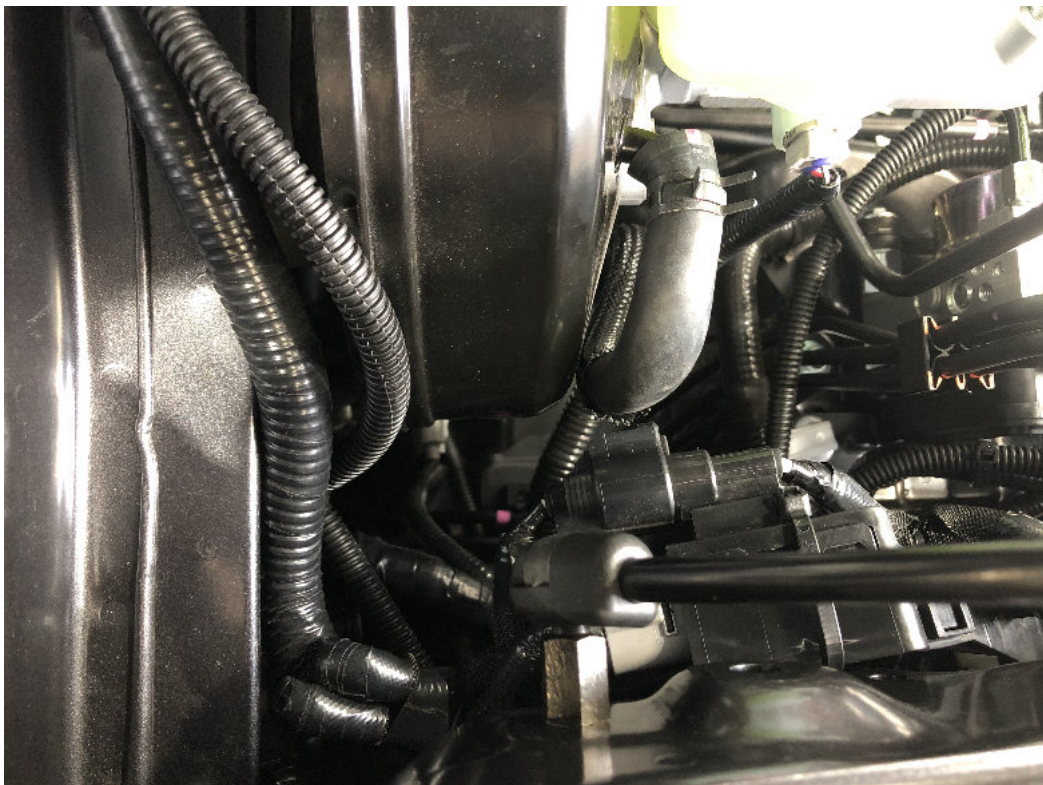


Image 9

The plastic wiring housing (*Image 8*) will need the rear unclipped from the guard. When the wiring is routed as per *Image 9* the housing will sit lower and allow clearance to the strut. You can use a cable tie to secure the loom, feed a cable tie through the now vacant hole in the guard and secure around the housing as per the above images.

Using the bracket as a guide, mark all four holes on the bonnet.

Once holes have been marked, move bracket out of the way and drill holes to suit M6 Nutserts supplied in kit.

Note: be extremely careful when drilling holes. We have found that sometimes the drill bit catches and punches through to outside of bonnet leaving a very defined pointed dent. To eliminate the risk of this from happening, cutting the drill bit down to minimum length and resharpening will ensure the drill bottoms out before reaching other side of bonnet.

Fit the strut mounting brackets to the bonnet using the supplied button head cap screws, use a small amount of Loctite on the threads.



Fit the struts to the bonnet and guard by pushing the opening over the ball stud—they will clip into place

NOTE: The struts are mounted with the canister fitted to the bonnet and the shaft mounted to the guard





Image 10

All models may require the power distribution box to be dropped—use the bracket supplied to replace the factory bracket with factory fixing **Image 10**

For the MY2017 update models you will need to relocate the accessory fuse box on the passenger side with the bracket we have supplied in the kit—use factory fixings **Image 11**



Image 11

Optional dual battery bracket

*Remove the existing dual battery bracket and hold down screw closest to the guard (if fitted)
Fit the new bracket as per the below picture and secure using the existing fittings.*



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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