



## **MFK771**

### **STEERING DAMPER RELOCATION KIT TO HILUX, 4/RUNNER AND SURF WITH IFS**

#### FITTING INSTRUCTIONS

Thank you for purchasing a product manufactured by Marks 4WD Adaptors. This kit has been designed to relocate the steering damper from above to below the track rod. The brackets have also been designed to allow the fitting of larger after-market steering dampers.

1. Remove the steering damper.
2. Remove the damper chassis bracket from the chassis.

#### ***The following instruction suits 4-cylinder Hilux and 4/Runner.***

3a. Fit the MFC772A bracket to the front of the track rod where the steering damper was located. The 2 welded bosses face the rear of the vehicle with the small one at the top. Secure it to the track rod using the 1/2" unc x 2" bolt (MFC785) and nylock nut (MFC786). **NOTE:** The bolt must be fitted from the rear through the track rod and then the bracket, do not tighten the bolt at this stage.

#### ***The following instruction suits the V6 4/Runner.***

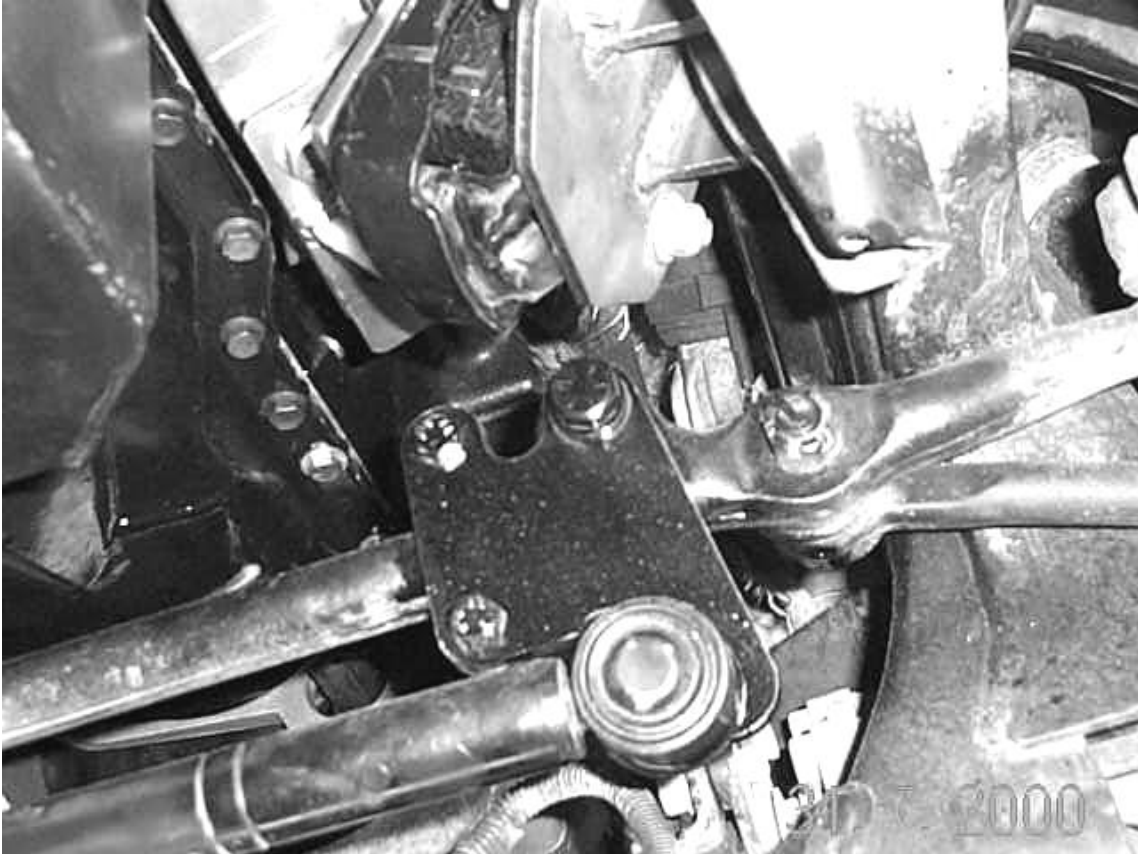
3b. Fit the MFC772A bracket to the front of the track rod where the steering damper was located. The 2 welded bosses face the rear of the vehicle with the small one at the top. **NOTE:** The small boss on the top of the bracket may need to be removed to allow the bracket to fit flat against the track rod.

Secure it to the track rod using the 1/2" unc x 2" bolt (MFC785) and nylock nut (MFC786). **NOTE:** The bolt must be fitted from the rear through the track rod and then the bracket, do not tighten the bolt at this stage.

4. Fit the MFC772D saddle over the track rod from the rear, secure it to the damper bracket using the 2 M8x1.25x25 counter sunk SHCS, 2 flat washers (MFC069), 2 spring washers (MFC438) and 2 M8 nuts (MFC068).

5. Tighten the 1/2" nylock nut and the 2 M8 nuts.

This photo shows the bracket installed in a V6 4/Runner fitted with a Commodore V6.



6. Fit the steering damper to the track rod bracket from the front and secure it with the original nylock nut.

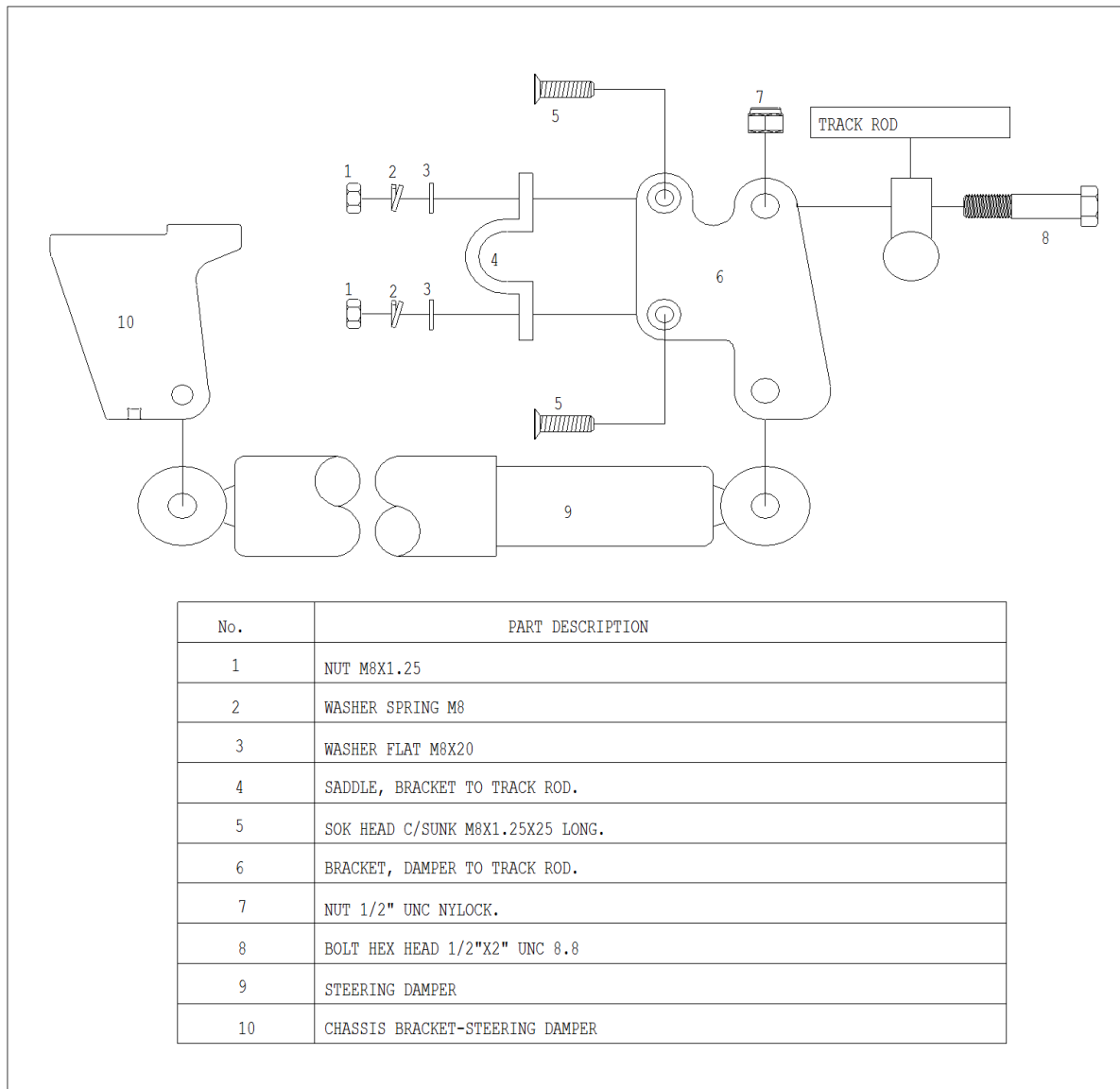
### **Welded Bracket, Damper to Chassis**

7. Fit the damper chassis bracket (MFC771) to the other end of the damper with the folded side facing up. See photo below.

8. This new bracket is welded to the front wishbone-mounting bracket. ***NOTE:*** The notched outside of the bracket fits over the raised section of the wishbone-mounting bracket (part of chassis). It will run parallel to the chassis rail facing the front of the vehicle and the steering damper will be parallel to the track rod. Remove all of the paint from the area to be welded.



9. Tack weld the bracket to the chassis and remove the damper.
10. Complete the welding and allow it to cool before painting.
11. Refit the steering damper to the chassis bracket.
12. Double check all of the bolts are tight.



The components supplied in the kit are designed for specific type conversions. Modifications to any components without the written consent from Marks 4WD Adaptors will void any possible warranty or return privileges. Should you have any further questions that are not covered in the instruction sheet, please contact our sales department for assistance. Remember an inexpensive phone call can save a costly mistake!

***Proudly Manufactured by:***

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