



## Fitting Instructions for MFK1080



## Speedo Corrector to suit Toyota Hilux N80— 08/2016 on (CAN bus dash)

### 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.

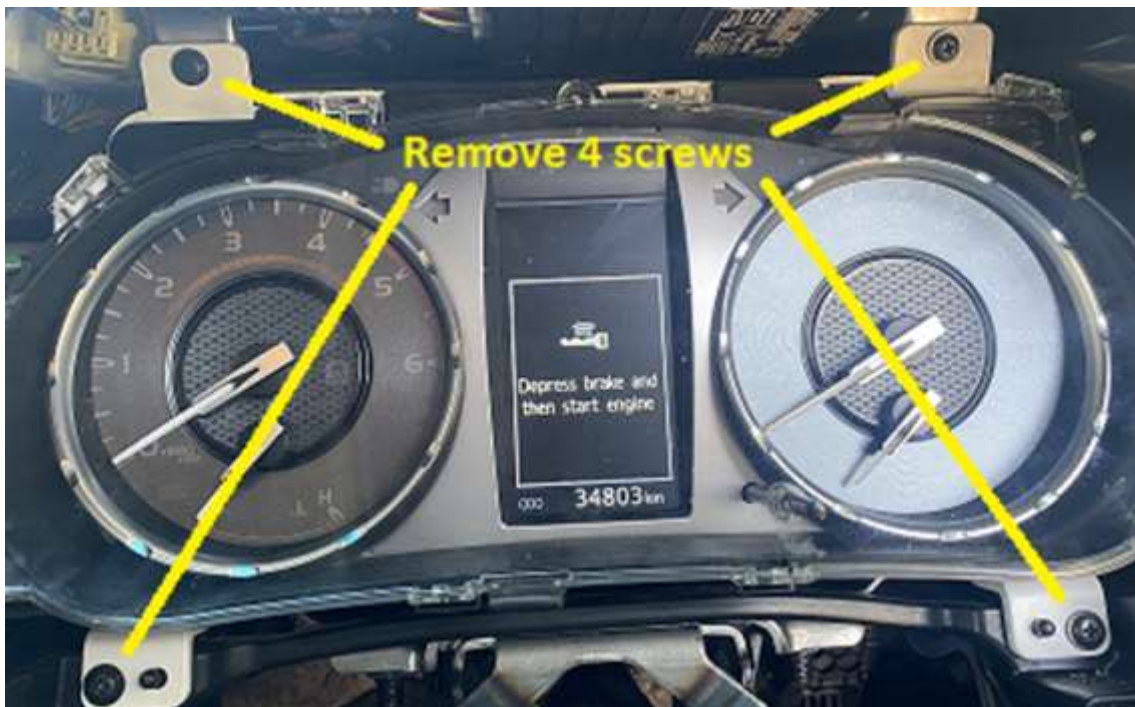
Marks 4WD Adaptors do not and cannot take responsibility for knowing everything that may impact on your conversion. Before beginning any work, thoroughly work through the sequence of changes, work and potential impact of your conversion. You must ensure you completely understand all the factors that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

## Installation Instructions for 08/2016 on N80 Toyota Hilux (CAN bus)

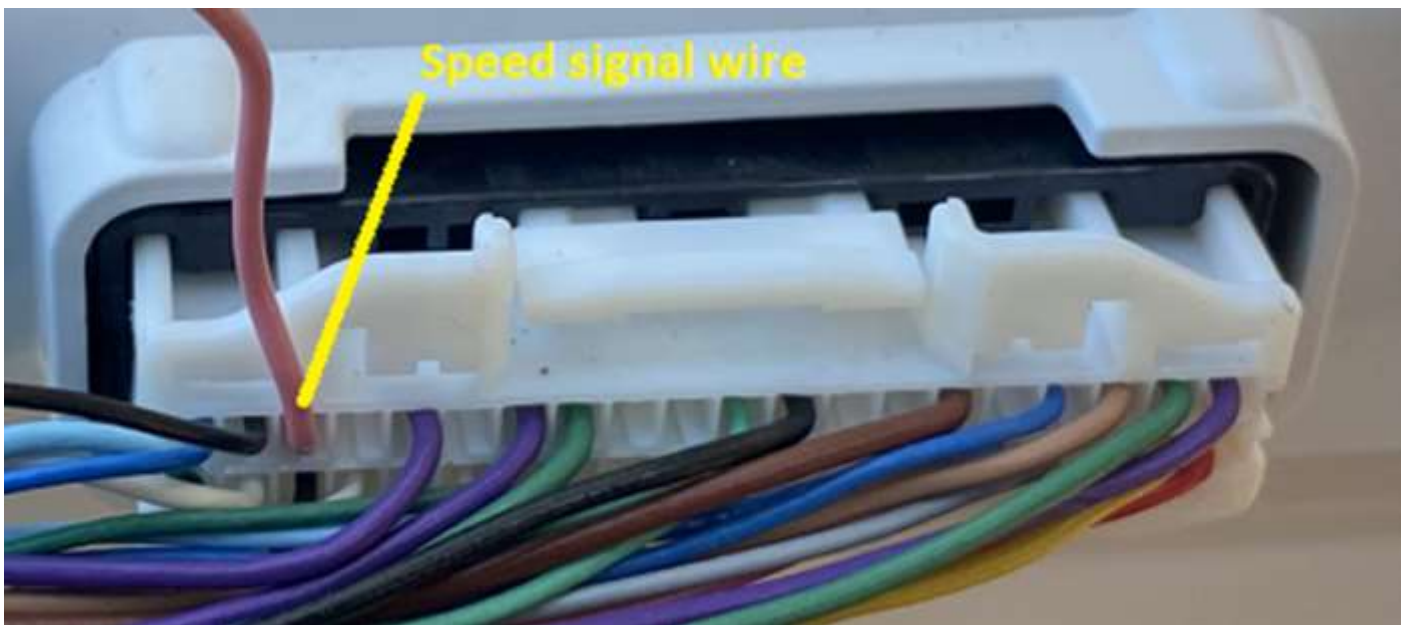
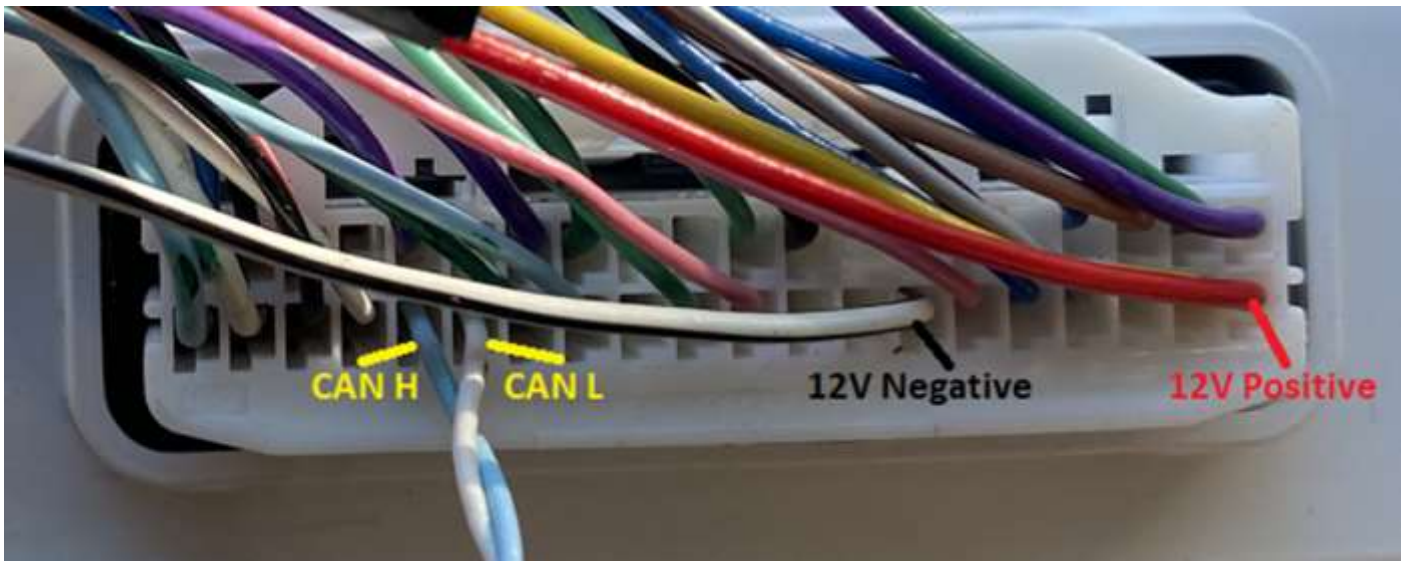
1. **Important—Disconnect the negative terminal from battery**
2. Remove two screws from the top of speedo cluster surround as shown in picture below:



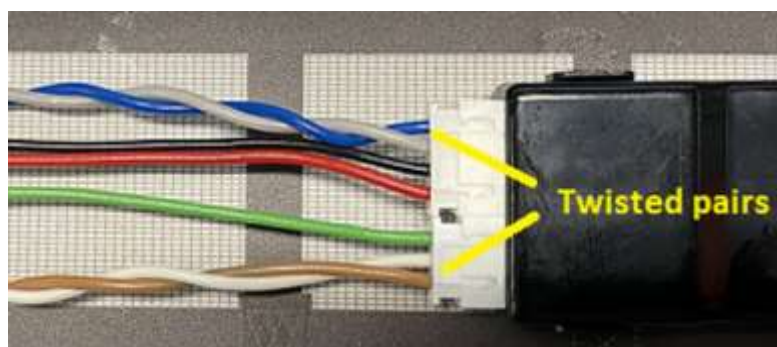
3. Remove four screws holding speedo cluster into dashboard as below:



4. Identify the 40pin connector from the back of the cluster and clearly identify the correct pins.  
Wire colours may vary between year models but the pins are all in the same place



**Note:** The grey & blue and white & brown wires must be twisted together before they are joined to the original vehicles wiring harness.



**Note:** Do not cut the 12V positive and ground (GND) wires leading to the white connector in the original vehicle wiring harness as the speedometer correction device wires are only spliced or "T" onto them.

5. Cut the two CAN H and CAN L wires—give yourself enough length to join in the new wires.

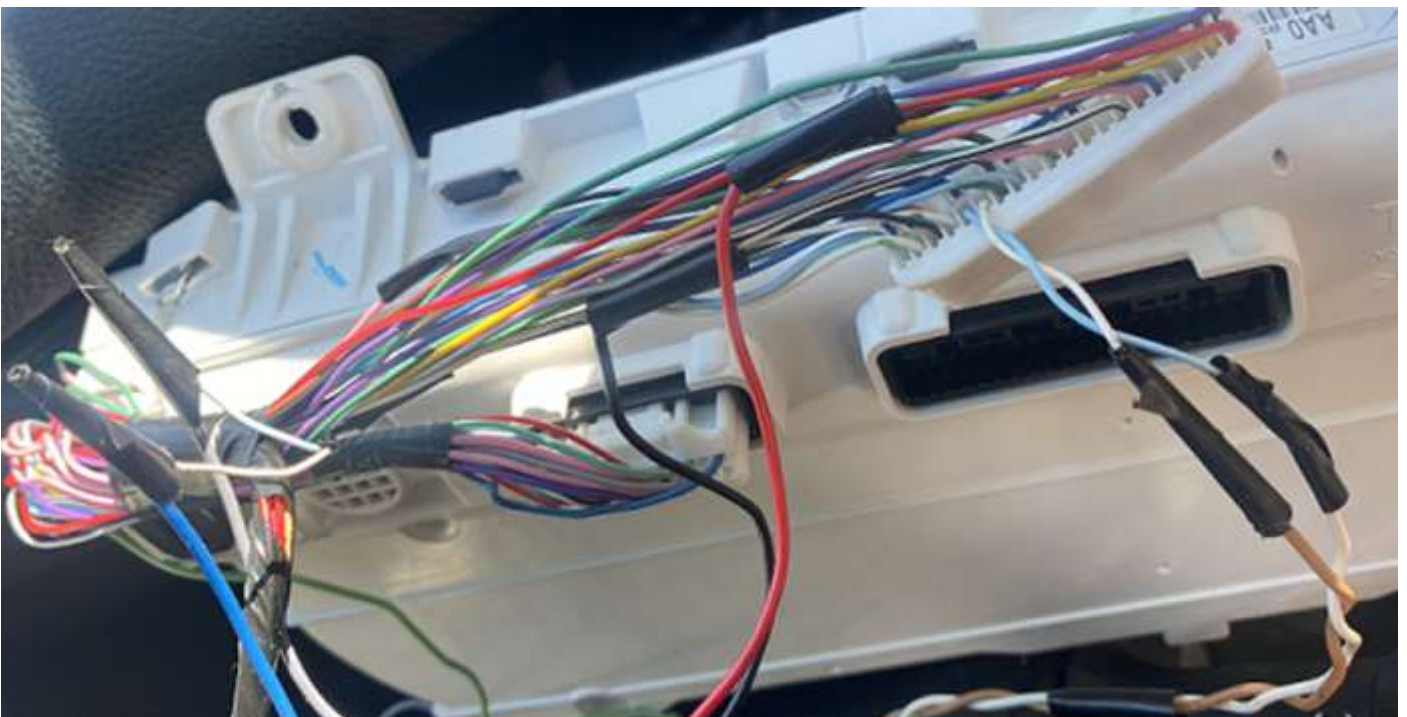
Twist the White and Brown wires together creating a twisted pair and connect them to the relevant CAN H and CAN L wires coming out from the speedo cluster connector.

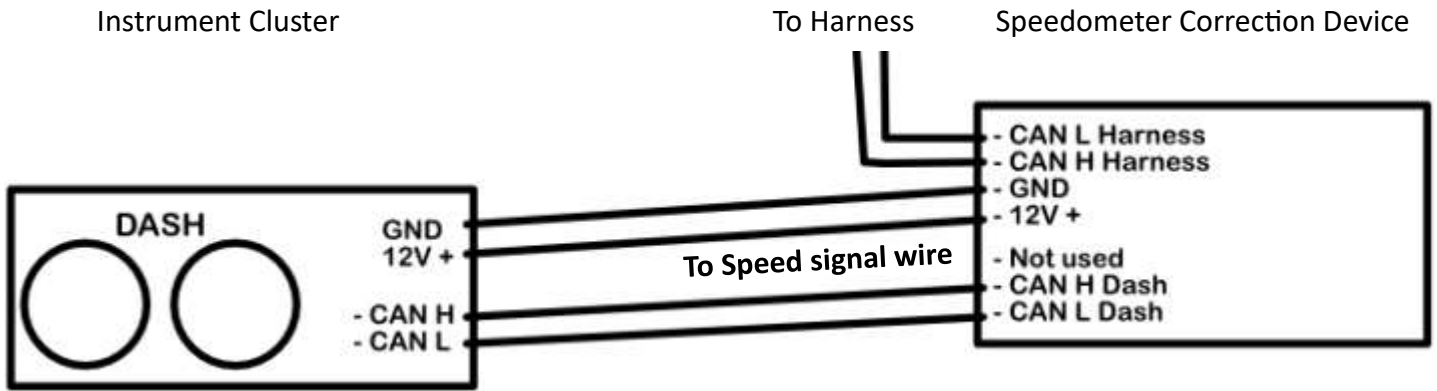
Twist the Blue and Grey wires together creating a twisted pair and connect them to the relevant CAN H and CAN L wires going back into the harness.

Cut the speedo signal wire and join the green wire (labeled 'not used') from the speedo corrector to the wire that goes into the cluster connector labelled speed signal wire. The speed signal wire that is left in the harness needs to be taped up and left disconnected.

Splice the Positive and negative wires from the speedo corrector into the Toyota harness.

All joints must be soldered and well insulated.





Once all has been connected as required carefully cable tie the speedometer correction device somewhere in the dash so that it is out of the way and securely fastened. Run the unit so it can be accessed while test driving.

Reassemble the dash.

6. On the speedo corrector set switch 3 & 4 to the ON position



7. Reconnect battery negative terminal

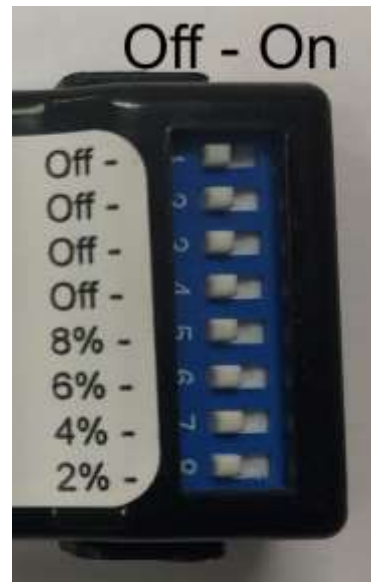
## How to Adjust Correction Unit

Take vehicle for test drive using a GPS based speedometer and set dip switches 5-8 on the rear of the unit on or off to suit the percentage change you require

This can be done by a passenger while driving or stationary.

NOTE: Switches 1 & 2 must remain in the off position, switches 3 & 4 must be set to the on position

% Increase	Switch On
2	8
4	7
6	6
8	5
10	5 & 8
12	5 & 7
14	5 & 6
16	5, 6 & 8
18	5, 6 & 7
20	5, 6, 7 & 8



## 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 tasks, contact our sales department for more information.

We recommend that you purchase a service manual pertaining to your vehicle you are fitting for specific torque values, wiring diagrams and other related information.

## Contact Information

**Web:** [www.marks4wd.com](http://www.marks4wd.com)

**Email:** [sales@marks4wd.com](mailto:sales@marks4wd.com)

**Phone:** + 61 3 9552 6555

**Address:** 385-393 Lower Dandenong Rd  
Dingley Victoria, AUS