



Fitting Instructions for MFK1050-1



Speedo Corrector to suit Toyota LandCruiser 70 & 200 Series (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.

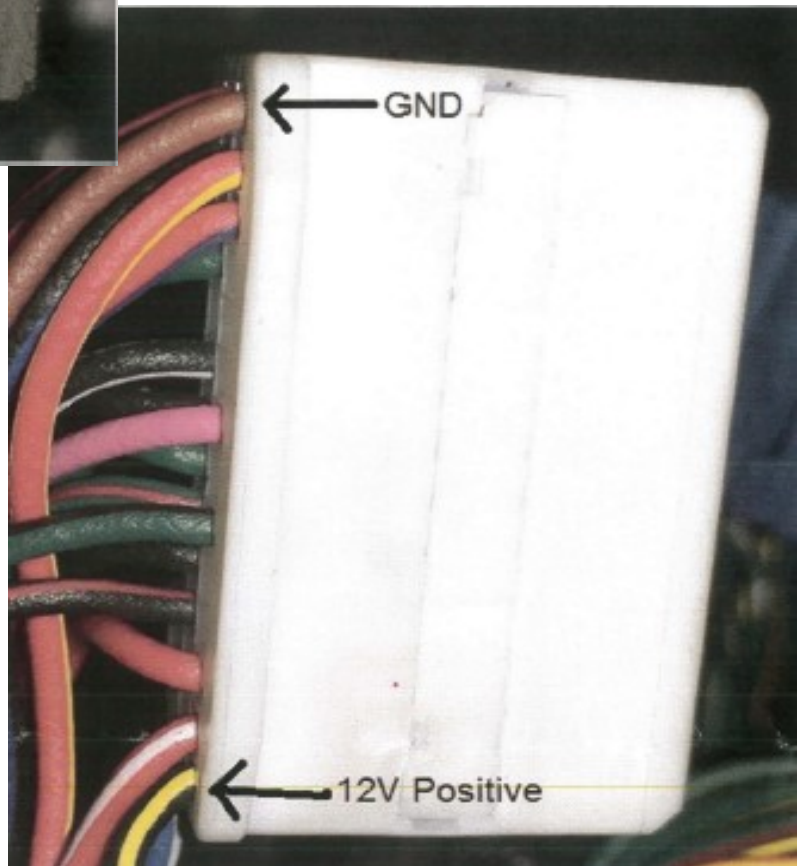
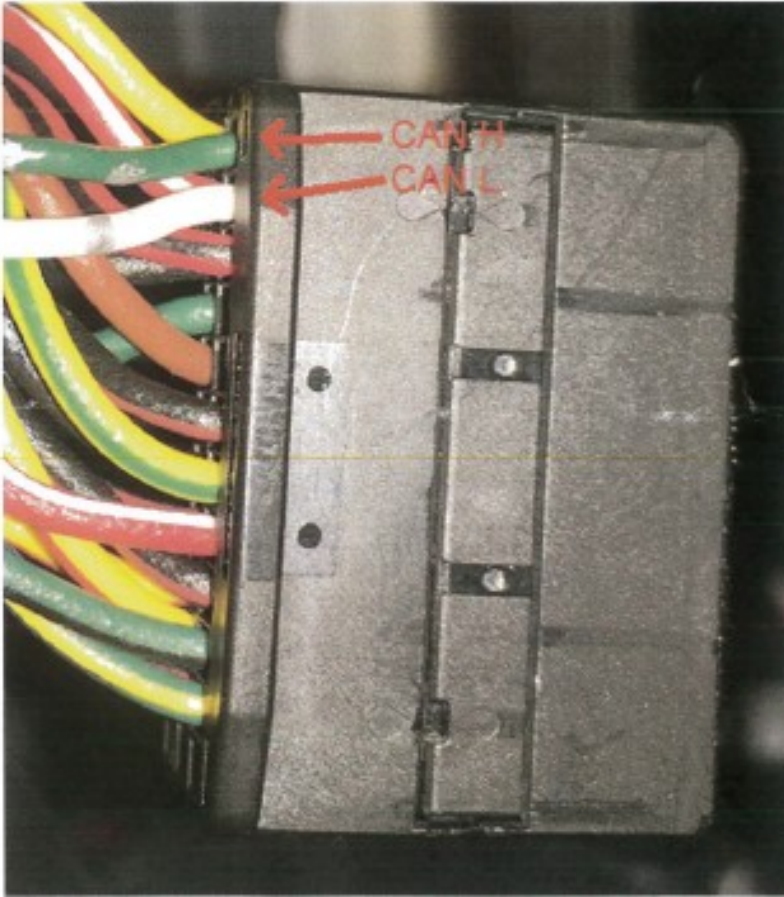
Marks 4WD Adaptors do not and cannot take responsibility for knowing everything that may impact on your conversion. Before beginning any work, thoroughly work through the sequence of changes, work and potential impact of your conversion. You must ensure you completely understand all the factors that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

Installation Instructions for 08/2016 on 70 Series LandCruiser (CAN bus)

To fit the speedometer correction device you will have to remove the instrument cluster. Remove the front driver side lower steering column facia panel (has 1 x 10mm head bolt holding it), the trim around the face of the instrument cluster, then the 2 x 10mm head bolts that hold the top instrument cluster cover to the top of the dash board.

This will allow you access to the 4 x 10mm head bolts which hold the instrument cluster into the dash board.

Once the instrument cluster has been unbolted, disconnected and removed you will have access to the instrument clusters black and white socket as per the pictures below.

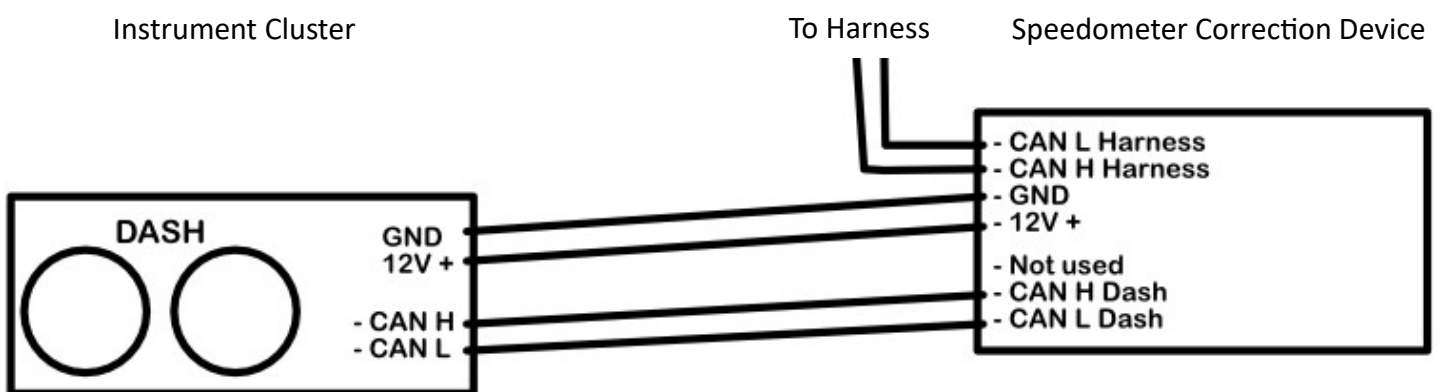


Note: The **grey & blue** and **white & brown** wires must be twisted together before they are joined to the original vehicles wiring harness.

Cut the CAN L and CAN H wires leading to the black connector in the original vehicles wiring harness and wire into the speedometer correction device as per the two pictures below:

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 just "T" onto them.

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.

Step 1

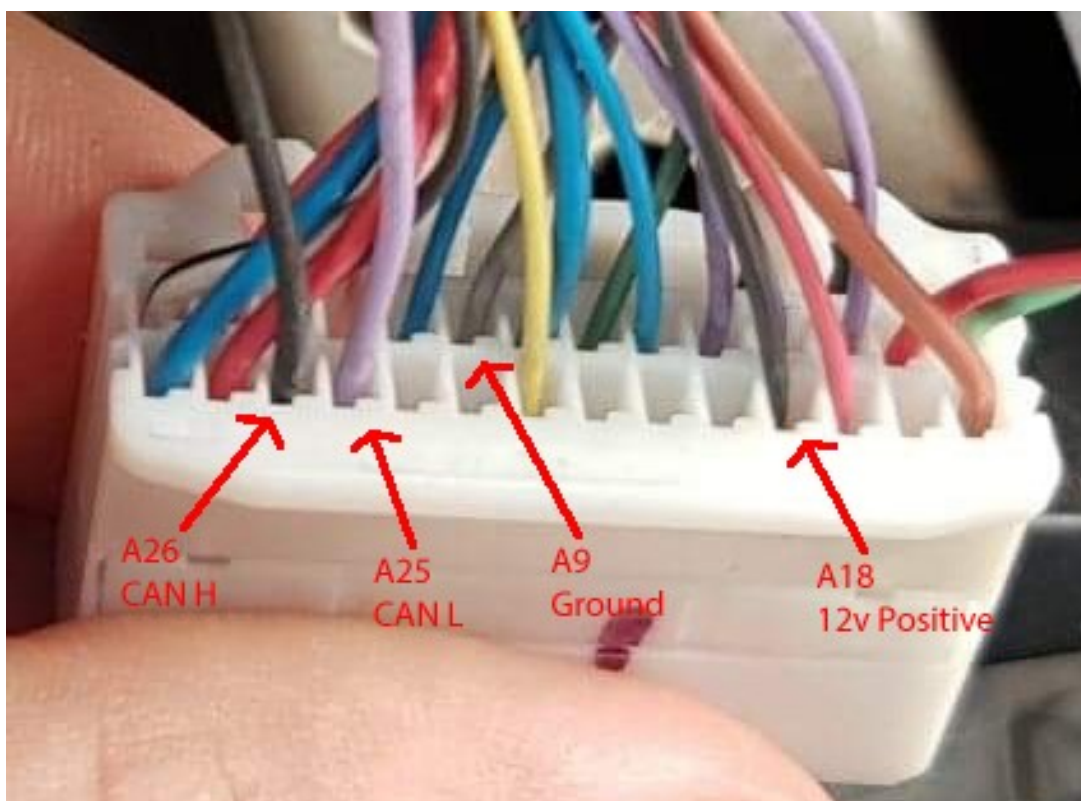
Installation Instructions for 2007 - 08/2015

200 Series LandCruiser (CAN bus)

To fit the speedometer correction device you will have to remove the instrument cluster. Remove the front driver side foot well trim (above the brake pedal, 2 x 8mm head bolts), the centre console side trim (which holds the start button, 1 x 10mm head bolt), the lower steering column fascia trim (2 x 10mm head bolts), the two small horizontal bits of trim either side of the steering wheel just below the instrument cluster and then the trim around the instrument cluster.

This will allow you access to the 4 x 10mm head bolts which hold the instrument cluster into the dash board. Once the instrument cluster has been unbolted, disconnected and removed you will have access to the instrument clusters white 28 pin connector as per the picture below.

Pin	200 series white connector colour	Speedo corrector wires
A9	Grey	Black (Negative)
A18	Black	Red (Positive)
A25	Violet	Grey & White (Can H)
A26	Black	Blue & Brown (Can L)



Go to step 2 on page 6

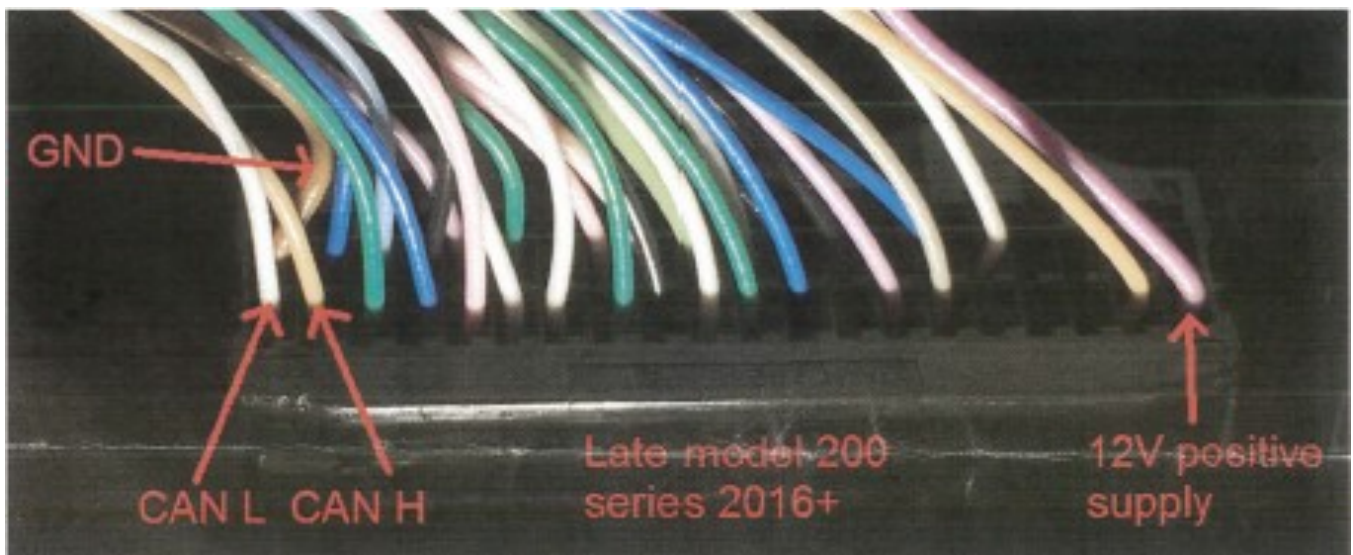
Step 1

Installation Instructions for 08/2015 on 200 Series LandCruiser

To fit the speedometer correction device you will have to remove the instrument cluster. Remove the front driver side foot well trim (above the brake pedal, 2 x 8mm head bolts), the centre console side trim (which holds the start button, 1 x 10mm head bolt), the lower steering column fascia trim (2 x 10mm head bolts), the two small horizontal bits of trim either side of the steering wheel just below the instrument cluster and then the trim around the instrument cluster.

This will allow you access to the 4 x 10mm head bolts which hold the instrument cluster into the dash board. Once the instrument cluster has been unbolted, disconnected and removed you will have access to the instrument clusters black socket as per the picture below.

200 series black connector colour	Speedo corrector wires
Brown	Black (Negative)
Pink	Red (Positive)
Beige	Grey & White (Can H)
White	Blue & Brown (Can L)



Go to step 2 on the following page

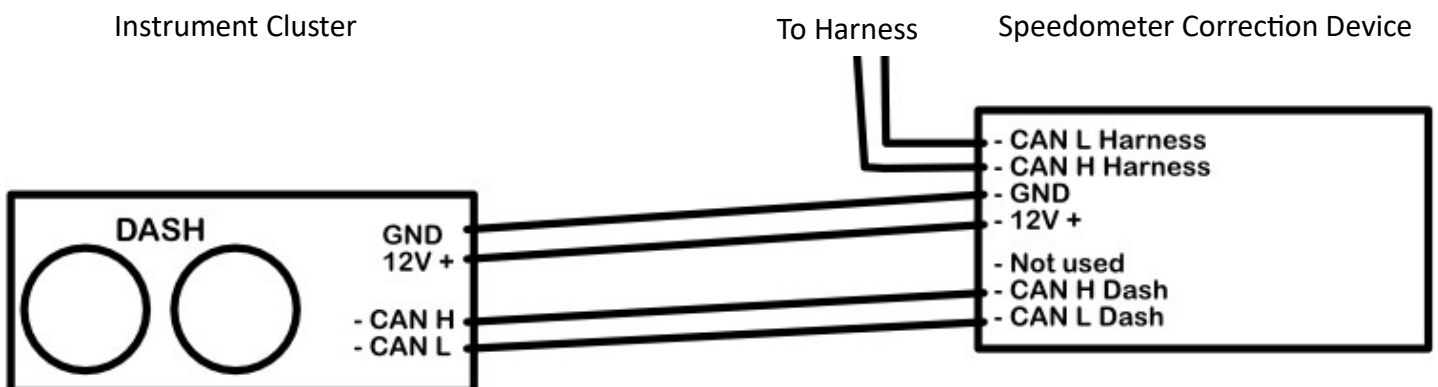
Step 2

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

Cut the CAN L and CAN H wires leading to the white (up to 08/2015) or black (08/2015 on) connector in the original vehicles wiring harness and wire into the speedometer correction device as per the two pictures below.

Do not cut the 12V positive and ground (GND) wires leading to the white (up to 08/2015) or black (08/2015 on) connector in the original vehicle wiring harness as the speedometer correction device wires are just "T" onto them.

All joints must be soldered and well insulated. (heat shrink)



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.

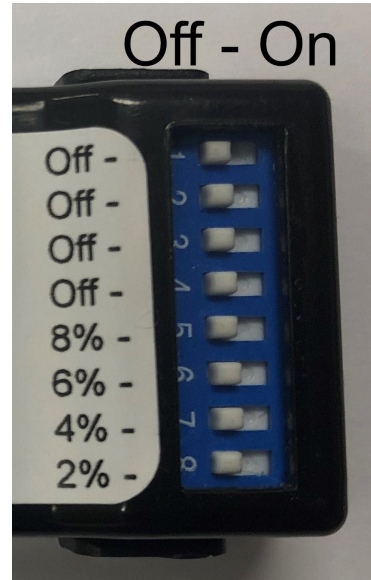
Reassemble the dash.

How to Adjust Correction Unit

Turn the dip switches on the rear of the unit on or off to suit the percentage change you require –this can be done while driving

NOTE: Switches 1, 2, 3 & 4 must remain in the off 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

Email: sales@marks4wd.com

Phone: + 61 3 9552 6555

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