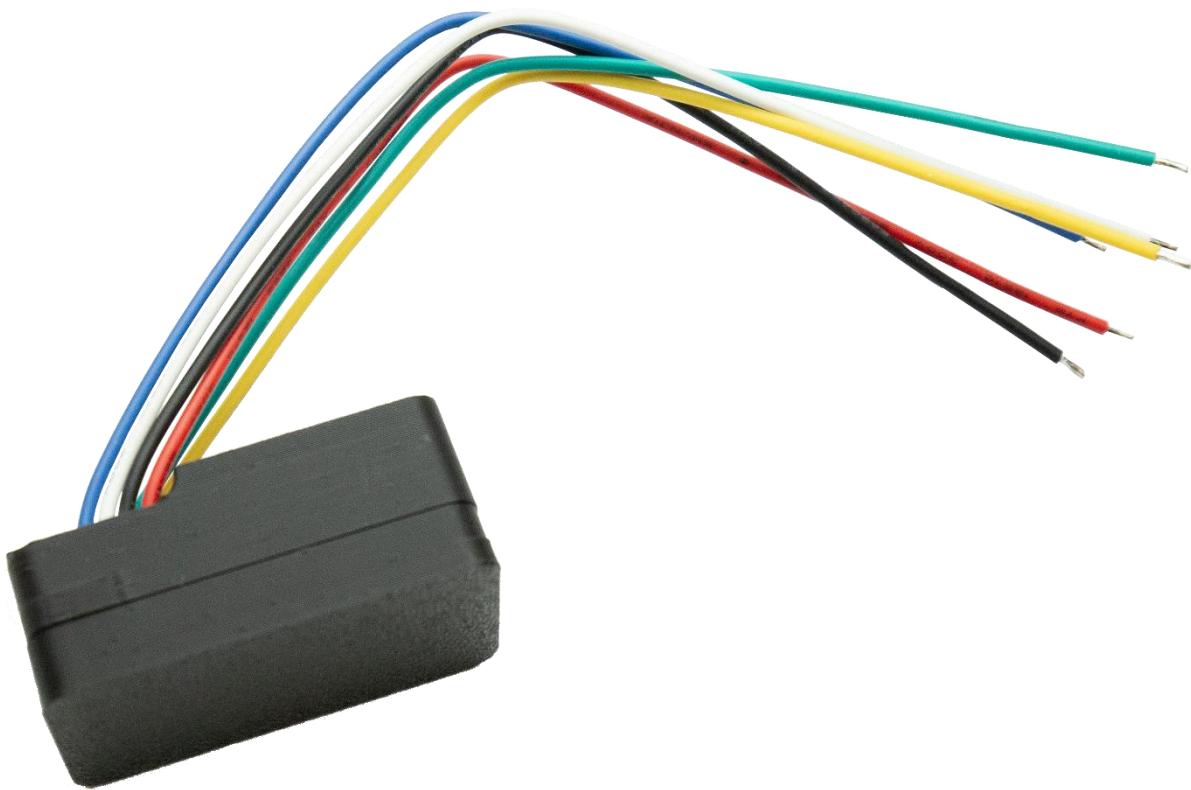


INSTALLATION INSTRUCTIONS



SCANSC-79

Superior CANBus Speedo Corrector Suitable For LC79



SCANSC-79_INST_SEV003

INSTALLATION INSTRUCTIONS

IMPORTANT

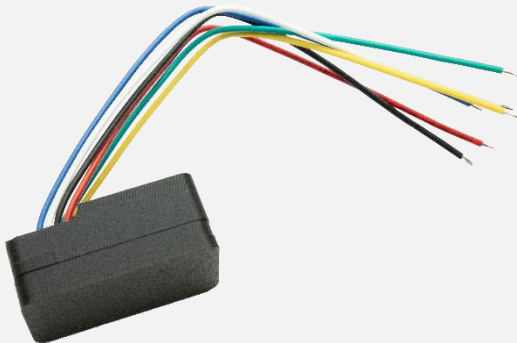
Please read and understand these installation instructions before beginning the installation process. Retain these installation instructions for future reference. It is recommended that this item be installed by a qualified person(s) with sound knowledge of vehicle auto electrical and wiring.

If you are unsure about any of the following steps, please contact Superior Engineering's Sales Team – (07) 5433 1411

WARNINGS

- Estimated installation time: 2-3 Hour(s)
- The following steps are the installer's responsibility.
- Ensure all parts have been received correctly and are suitable for the intended vehicle before undertaking any installation.
- This product is not to be fitted differently or modified in any way other than specified by Superior Engineering.
- This product is not to be used on any other vehicle than those specified by Superior Engineering.

PART(S) CHECKLIST

DESCRIPTION	QTY	IMAGE
<i>Superior CAN Bus Speedo Corrector Suitable For Toyota LandCruiser 2016 – ON</i>	1	

SCANSC-79

Superior CANBus Speedo Corrector Suitable For LC79

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PREMIUM 4x4 ACCESSORIES

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INSTALLATION INSTRUCTIONS

INSTALLATION STEPS

1. Park the vehicle on a level surface and ensure it is secure.
2. Review the kit's components and confirm that all parts are supplied. *Refer to the above parts checklist*
3. Switch the ignition to the OFF position, remove the key and open the Bonnet. *Wait 5 minutes, the vehicles ECU will go into SLEEP mode.*
4. Using the Steering Column tilt and telescopic lever *(If equipped)* fully lower and extend out of the way.
5. It is recommended to add protective tape/film around the cluster panel to prevent damage.
6. Locate and remove the 2 lower screws and detach the upper claws to remove the facia panel. *Refer Figure 1 for visual guidance.*
7. Loosen and remove the 4 screws of the instrument cluster, on the top of the cluster there may be 2 clips that have to be released *(model dependant)* *Refer Figure 2 for visual guidance.*
8. You can gently pull out the instrument cluster and disconnect the rear connectors, completely remove the instrument cluster out of the way.
9. Behind the Cluster there will be 2 connector plugs, a 24 pin **(PLUG B)** and 28 pin **(PLUG A)** plugs. Ensure during installation the correct plug is being wired. *Refer Figures 3 and 4 for visual guidance.*
10. On Plug A, locate Pin 26. Utilising a "T-Join" connect the **RED** wire from the CAN speedo corrector to the wire located in pin 26. *Solder & insulation is required. This positive 12v power is protected by the DOME NO.1 10A fuse.*
11. On Plug A, locate Pin 15. Utilising a "T-Join" connect the **BLACK** wire from the CAN speedo corrector to the wire located in pin 15. *Solder & insulation is required. Refer Figure 5*

ENSURE THE CAN WIRES ARE CONNECTED AND INSULATED SECURELY TO REDUCE ELECTRICAL INTERFERENCE.

12. On Plug B, Locate Pin 13 Cut the wire approx. 5-10 cm behind the connector, providing ample wiring space. Then connect the wire on the Connector Plug side to the **WHITE** wire of the supplied Speedo Corrector Module using suitable solder & heat shrink to insulate. Then connect the remaining pin 13 wire on the Vehicle Harness side to the **YELLOW** wire of the Speedo Corrector Module using suitable solder & heat shrink to insulate. *Refer Figure 6*
13. On Plug B, Locate Pin 14 Cut the wire approx. 5-10 cm behind the connector, providing ample wiring space. Then connect the wire on the Connector Plug side to the **BLUE** wire of the supplied Speedo Corrector Module using suitable solder & heat shrink to insulate. Then connect the remaining pin 14 wire on the Vehicle Harness side to the **GREEN** wire of the Speedo Corrector Module using suitable solder & heat shrink to insulate. *Refer Figure 6*
14. Ensure ALL electrical connections are insulated individually and all wiring is routed to prevent chaffing, stretching or rubbing on any sharp object. *Refer Figure 7*
15. Securely fix the speedometer calibrator to a flat surface behind the cluster in a position that is protected from vibration, heat and moisture. *Refer Figure 8*
16. Reconnect and re-install all the removed components in reverse order.
17. Conduct a test drive while using a GPS based speedometer to test the function of the Superior Speedometer Calibrator. *Calibration may be required depending on the tyre size fitted to the vehicle, refer to the calibration steps below.* If any issues arise, inspect the installation and address any concerns.

INSTALLATION INSTRUCTIONS

REFERENCE IMAGES

FIGURE 1

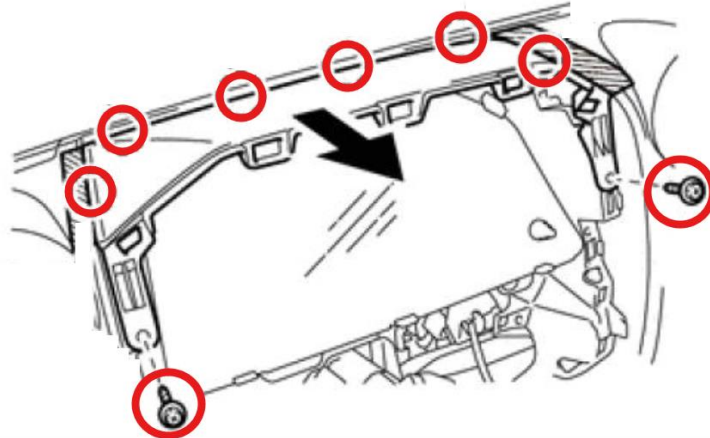


FIGURE 2

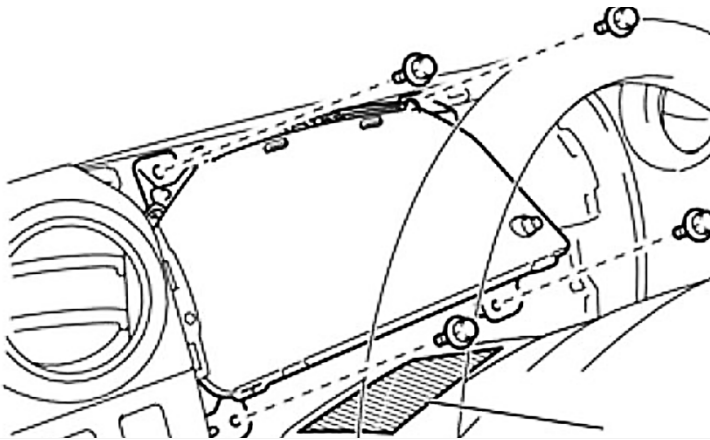


FIGURE 3

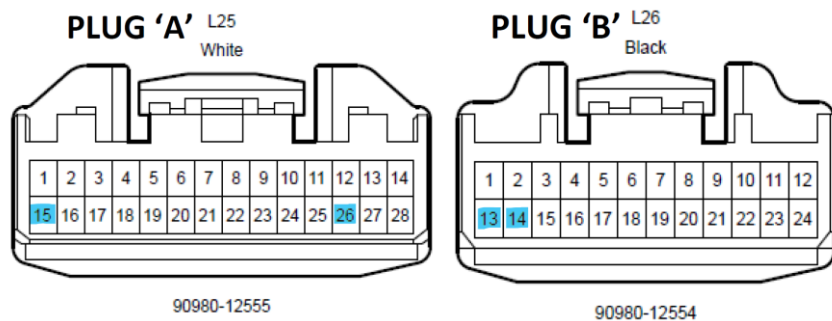
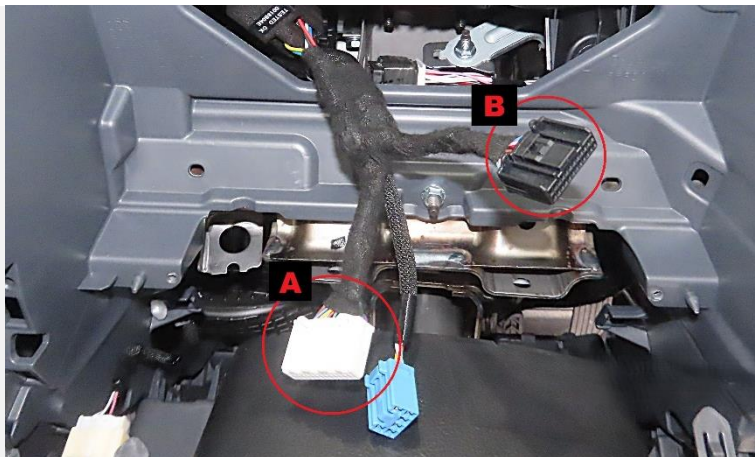


FIGURE 4



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INSTALLATION INSTRUCTIONS

FIGURE 5

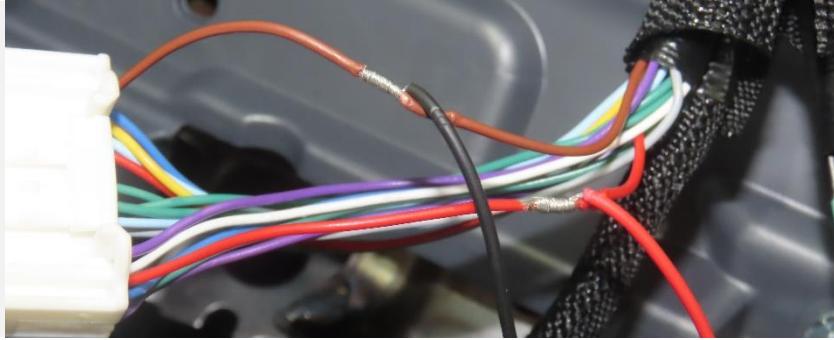


FIGURE 6

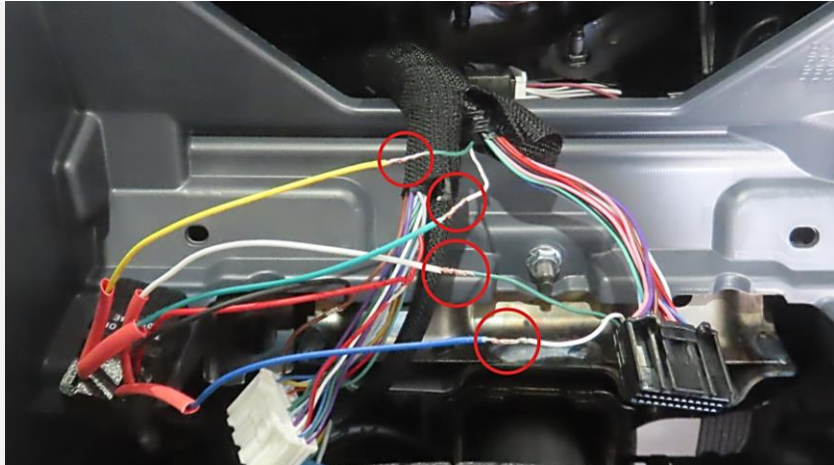


FIGURE 7

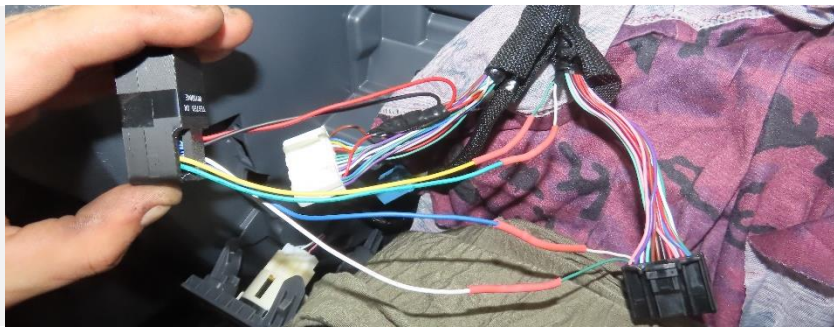


FIGURE 8



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Superior CANBus Speedo Corrector Suitable For LC79

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INSTALLATION INSTRUCTIONS

CALIBRATION STEPS

In the event that your tyre diameter increases/decrease from the originally nominated diameter, or the unit is reading incorrectly, the settings can easily be adjusted in-car to suit. Following the below sequence will put the vehicle into a Speedometer Calibration Mode.

DO NOT CALIBRATE THE SPEEDO WHILE DRIVING!

1. Turn the vehicle's ignition to the **ON** position, **DO NOT** start the vehicle.
2. Turn the headlights to the **OFF** position, *if the vehicle doesn't have an off option, select the **AUTO** headlight setting.*
3. Turn the **HAZARD** lights **ON**.
4. Flash the High beams 6 times.
5. Turn the **HAZARD** lights **OFF**.
6. The Speedometer needle should rise to 100km/h and drop back to 0km/h then return to 100km/h. *If this does not happen, the previous steps would have not been done correctly. Turn the Ignition **OFF** and back on to try again.*
7. Refer to the attached table, this is a guideline to the percentage increase/decrease suggested for tyre diameters. The Speedometers display resembles the Correction percentage (*i.e. 112% = 112km/h displayed*)
8. Using the Indicator Stalk will allow you to change the correction percentage. Indicating **LEFT** (*pushing up*) will increase the correction percentage, and indicating **RIGHT** (*pushing down*) will decrease the correction percentage.
9. Once the desired correction is achieved, turn the **HAZARD** lights **ON** then **OFF**. This will set the Speedo correction and **EXIT** the Calibration Mode.

TYRE HEIGHT (INCH)	CORRECTION
30.6	100%
30.9	101%
31.2	102%
31.5	103%
31.8	104%
32.1	105%
32.4	106%
32.7	107%
33.0	108%
33.4	109%
33.7	110%
34.0	111%
34.3	112%
34.6	113%
34.9	114%
35.2	115%
35.5	116%
35.8	117%
36.1	118%
36.4	119%
36.7	120%
37.0	121%

CONTACT DETAILS

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