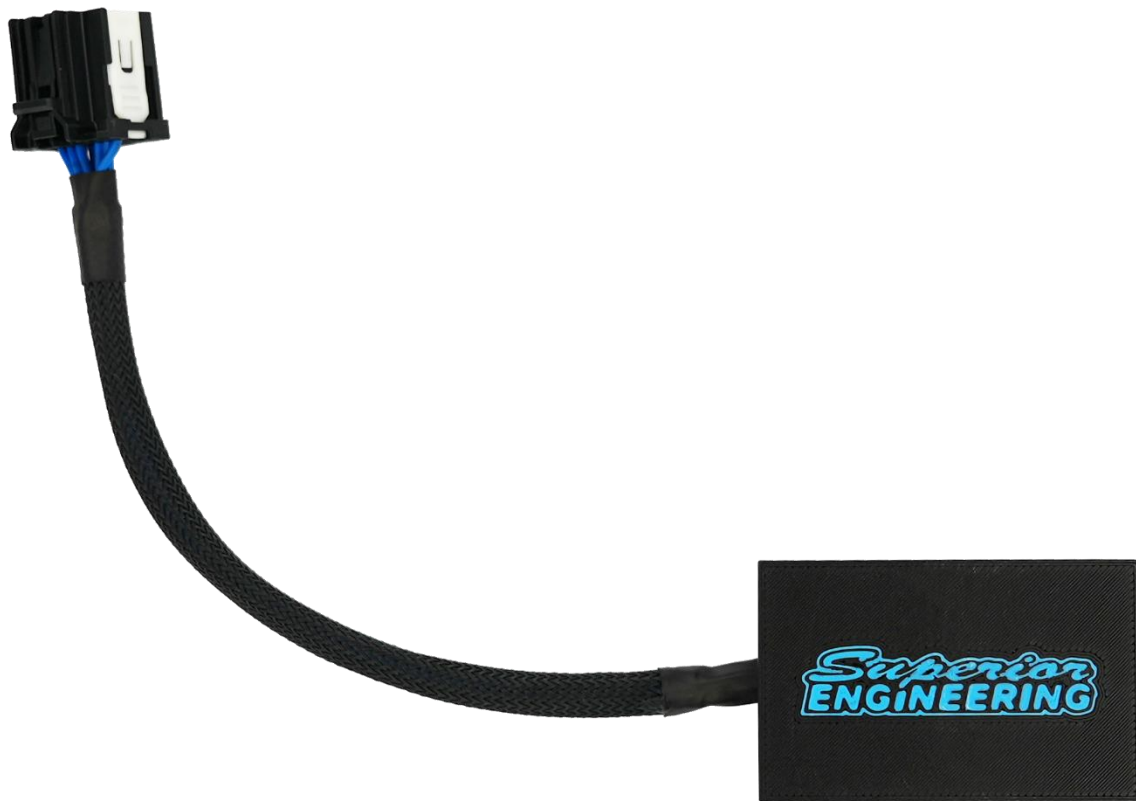


Superior **ENGINEERING**

PREMIUM 4x4 ACCESSORIES



SCANSC-RAN

Superior CanBus Plug-and-Play Speedo Corrector Suitable For Ranger PY 06/2022 On – Installation Instructions

IMPORTANT

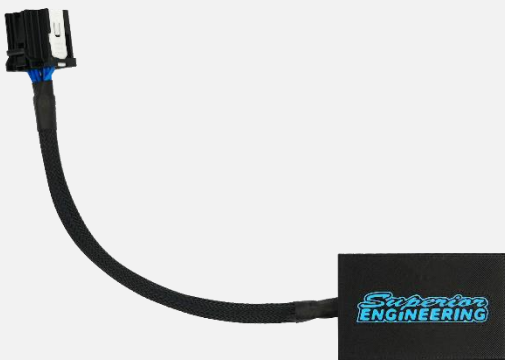
Please read and understand these installation instructions before beginning the installation process. Retain these installation instructions for future reference. It is recommended that this item be installed by a qualified person(s) with sound knowledge of 4x4 Steering & Suspension Geometry and/or 4x4 Accessories.

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

WARNINGS

- Estimated installation time: 1-2 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.
- Ensure sure all fasteners are tightened to the advised torque settings, and 262 Loctite is used on all threads unless otherwise specified.
- Recheck all fasteners within 500Kms of installation, and at every service interval thereafter.
- This product must be installed as per these instructions, only using the hardware supplied by Superior Engineering unless given prior written consent from Superior Engineering.
- 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.
- Once the product has been installed ensure all OE and Aftermarket components within proximity of the installed Superior Engineering component clear through the full range of your vehicle's Steering & Suspension movement.

PART(S) CHECKLIST

DESCRIPTION	QTY	IMAGE
Superior CanBus Plug-and-Play Speedo Corrector	1	

CAUTION

Ensure all bolts are tightened to the correct torque setting with 262 Loctite. Re-check in 500km and at every service interval thereafter

DISCLAIMER

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Superior CanBus Plug-and-Play Speedo Corrector Suitable For Ranger PY 06/2022 On – Installation Instructions

INSTALLATION STEPS

1. Park the vehicle on a level surface and ensure it is secure. Alternatively, position the vehicle securely on a hoist, using the manufacturer's designated lifting points.
2. Review the kit's components and confirm that all parts are supplied. *Refer to the above parts checklist*
3. Extend and lower the steering column to its maximum settings. *Refer Figure 1*
4. Pull and set aside the weather strip. *Refer Figure 2*
5. Using a trim tool, release and remove the end cover trim panel. *Refer Figure 3*
6. Release the tabs, clips and remove the gap hider from the upper steering column shroud. *Refer Figure 4*
7. Release the lower steering column panel clips and disconnect the electrical connector, removing the lower steering column panel. *Refer Figure 5*
8. Disconnect the electrical connector, release the retainer and position the harness in aside. *Refer Figure 6*
9. Remove the screw located to the side of the dash and release the clips, removing the instrument cluster panel bezel. *Refer Figure 7*
10. Remove the 4 screws holding the cluster in place. *Refer Figure 8*
11. Carefully remove the cluster ensuring you do NOT pull on the cables behind the cluster.
12. Disconnect the plug located on the back of the cluster and install the supplied *Superior CanBus Plug-and-Play Speedo Corrector*. *Refer Figures 9 and 10*
13. Secure the Superior Speedo Corrector in a safe, dry, and neat location. *Refer Figure 11*
14. Reinstall all components in reverse order.
15. Conduct a test drive, checking that the instrument cluster operates correctly. If any issues arise, inspect the installation and address any concerns. *Refer to Figures 12 and 13 for a final fitment example*

REFERENCE IMAGES



FIGURE 2

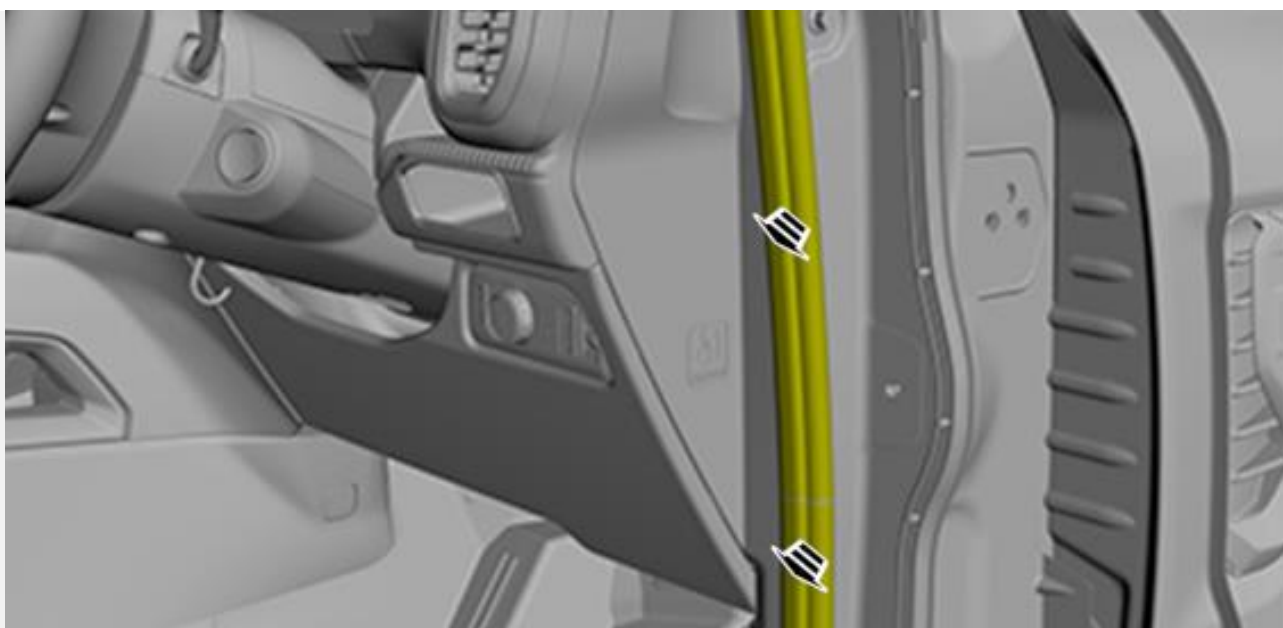


FIGURE 3

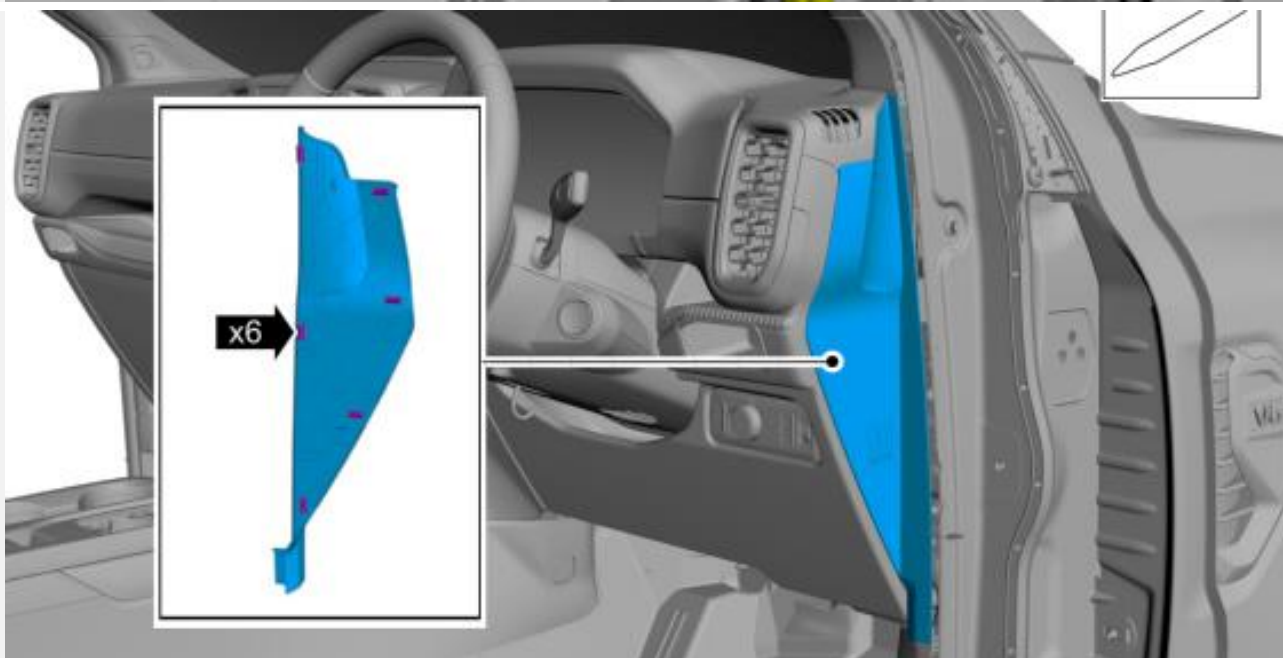
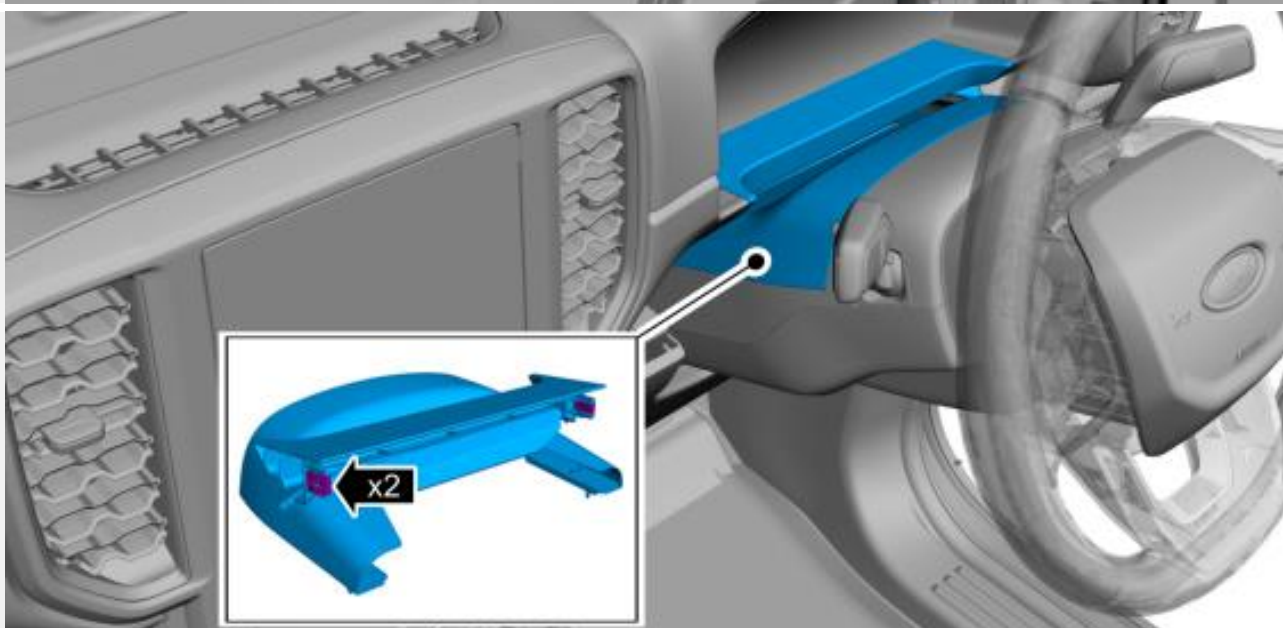


FIGURE 4



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FIGURE 5

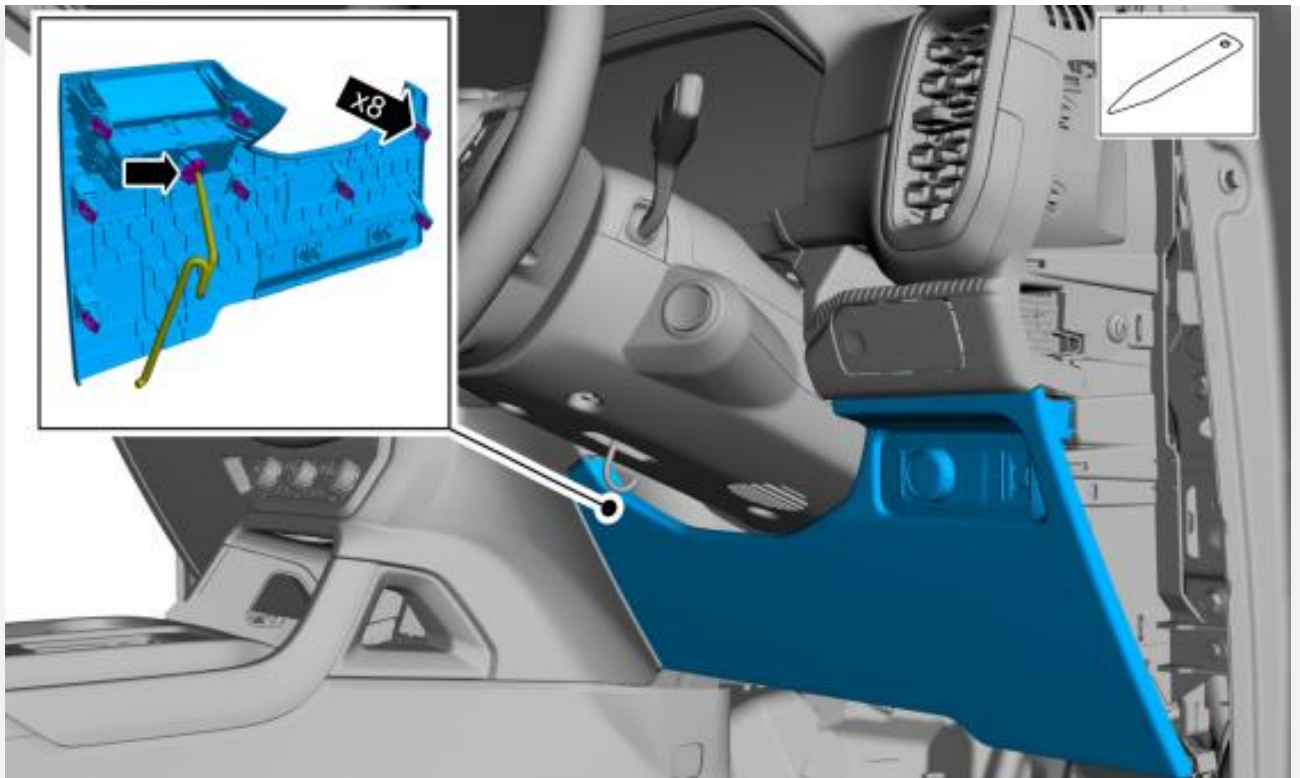


FIGURE 6

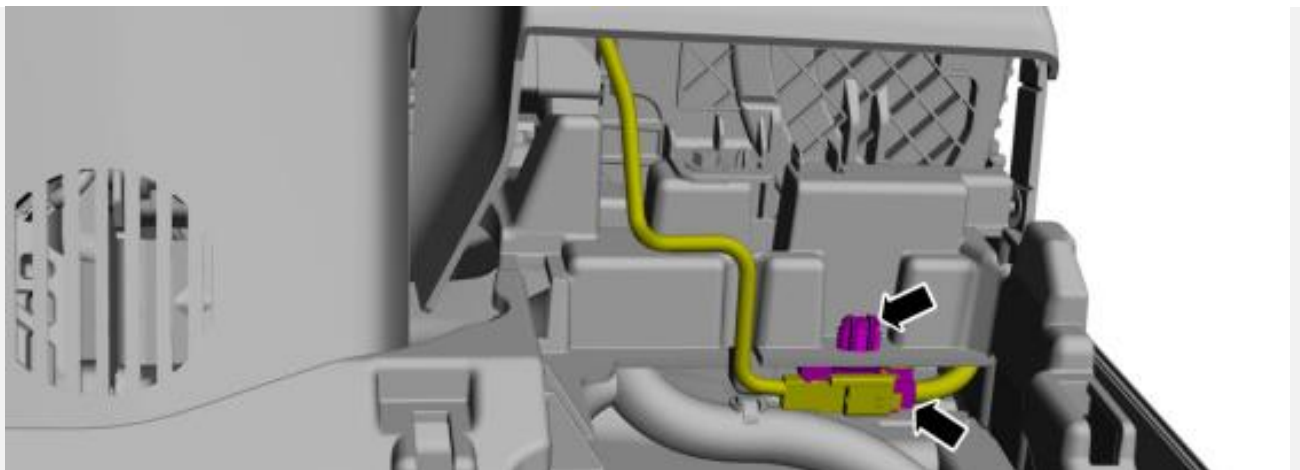
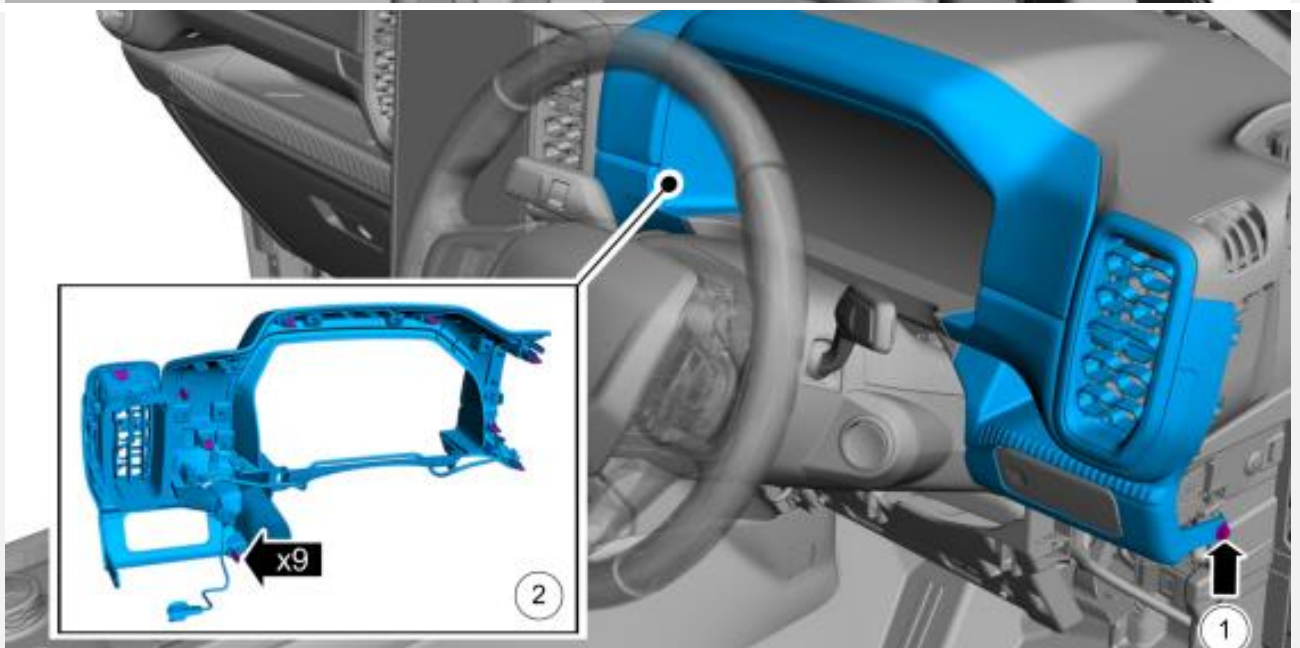


FIGURE 7



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FIGURE 8

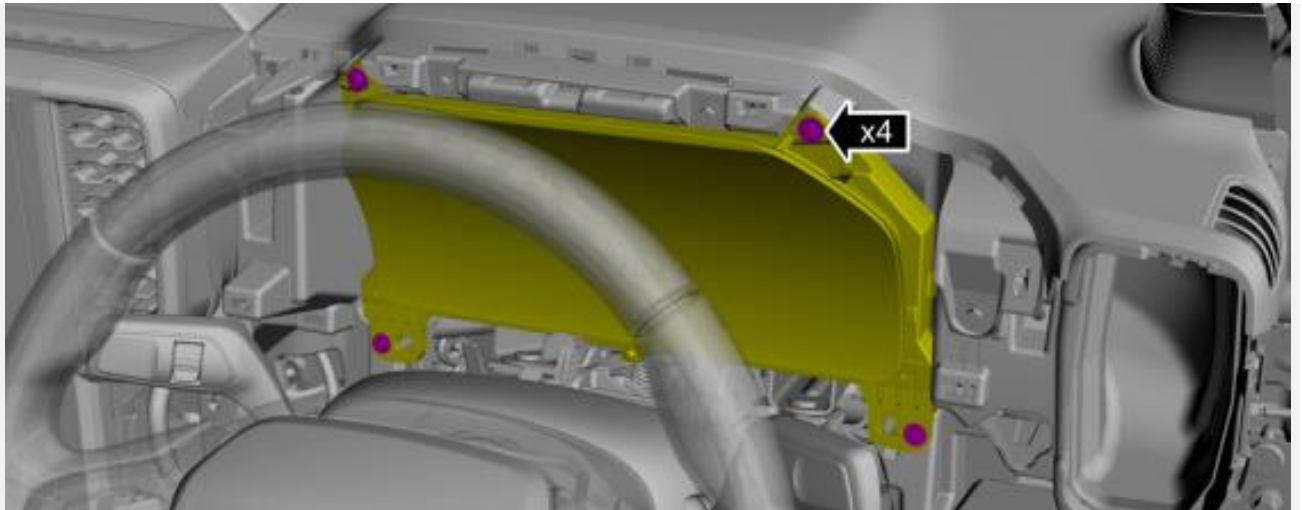


FIGURE 9

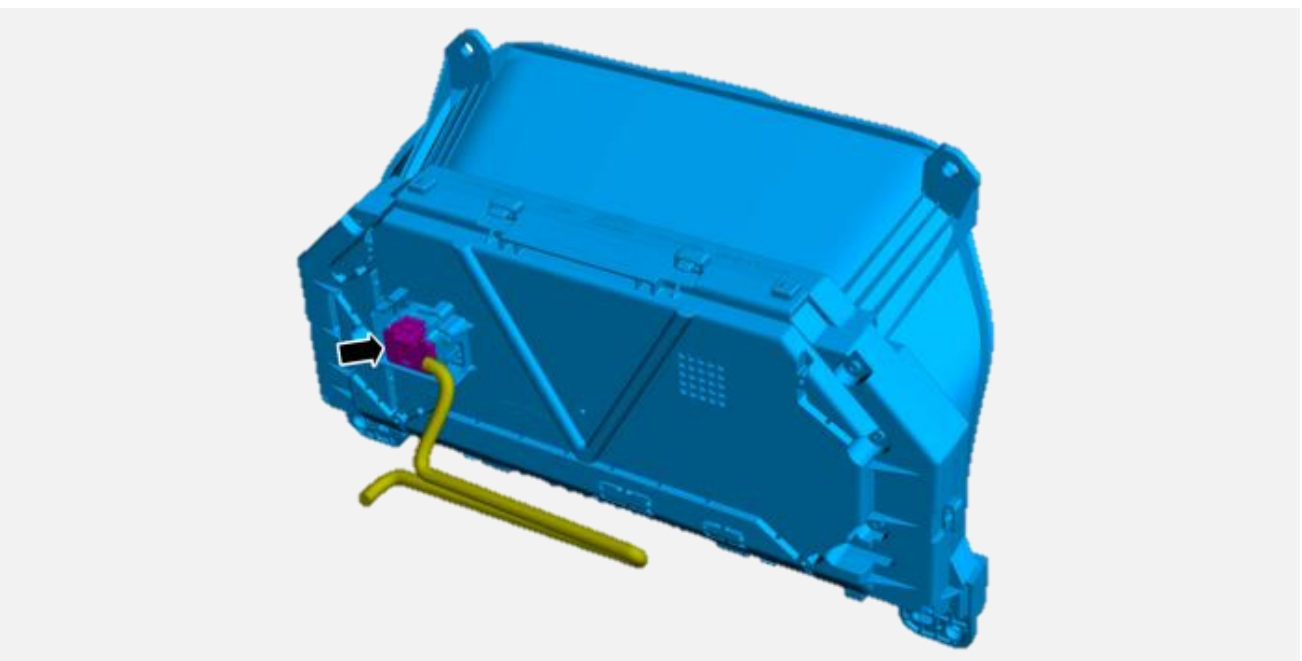


FIGURE 10



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FIGURE 11



FIGURE 10



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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. At a slow and steady pace, flash the High beams 6 times. *1 sec ON, 1 sec OFF*
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.

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	108%
33.4	109%
33.7	110%
34	111%
34.3	112%
34.6	113%
34.9	114%
35.2	115%
35.5	116%
35.8	117%

Once the desired correction is achieved, turn the **HAZARD** lights **ON** then **OFF**. This will set the Speedo correction and **EXIT** the Calibration Mode.

CONTACT DETAILS

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