



Automated Manual Transmission (AMT) I-Shift / mDRIVE - Ribbon Harness Replacement - Speed Sensor Bolts, Possible Fault Codes P1058 - 21 Or MID 130 PID 161 FMI 1



> Internal Content

If there are new mounting bolts supplied in the kit. Carefully check that they are not too long or use the original mounting screws to mount the Countershaft Speed and Main Shaft Speed sensors.

The screw should NOT extend past the end of the Main Shaft or Countershaft Speed sensor.

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AMT Ribbon Harness Replacement-Speed sensor bolts

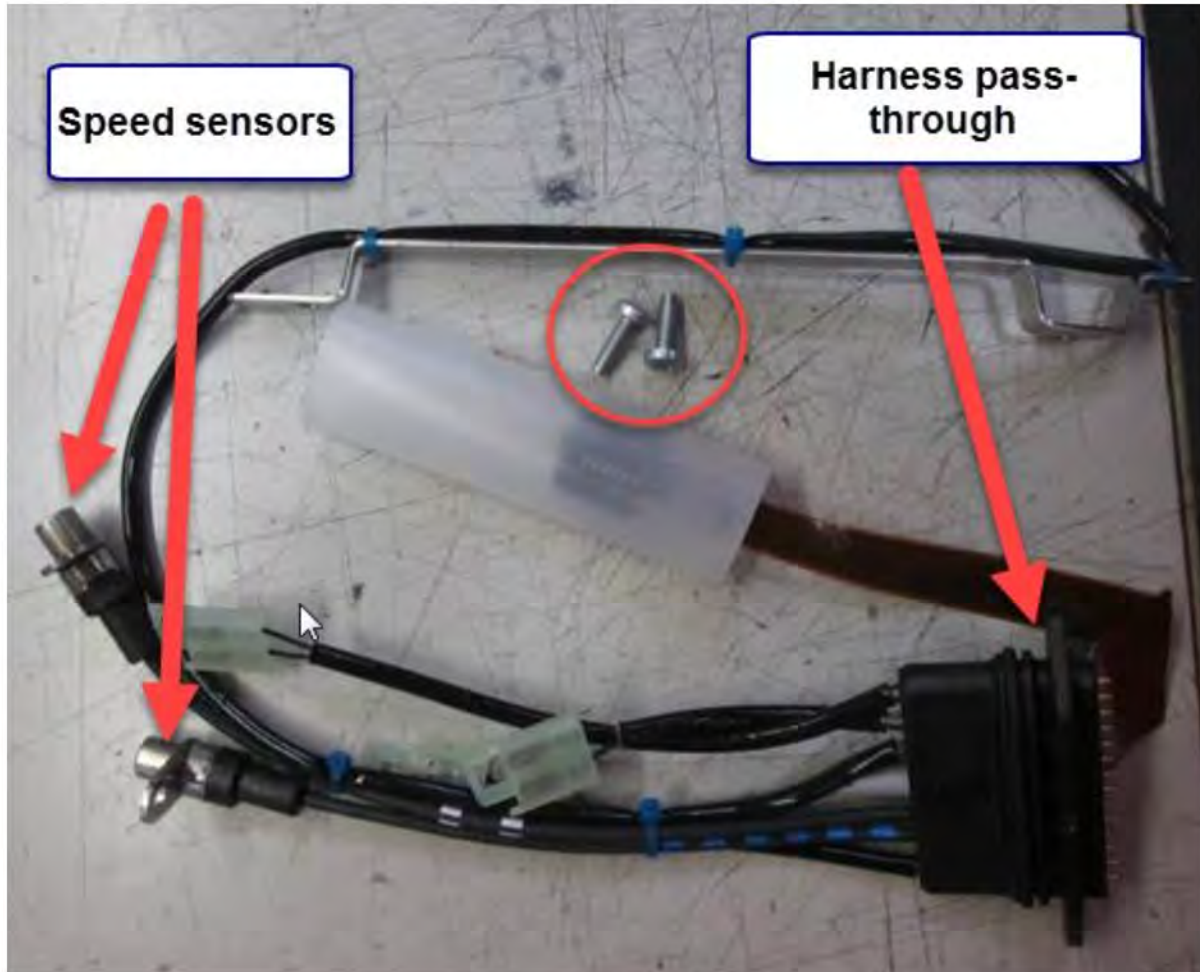
When replacing the internal ribbon harness in the AMT gearbox the proper length screws are critical for mounting the countershaft speed sensor. Too long of a bolt will cause the bolt to interfere with the gear on the main shaft and damage will occur.

If there are new mounting bolts supplied in the kit carefully check that they are not too long or use the original mounting screws to mount the countershaft speed and main shaft speed sensors.

The screw should not extend past the end of the main shaft or countershaft speed sensor.



The screws that are shown (circled) in the picture below are supplied with the harness kit. These screws ARE NOT for mounting the speed sensors. Use these screws as replacements for the two form-screws that are removed from the harness pass-through. These screws will form their own threads in the housing as they are installed.





AMT-F countershaft speed sensor mounting.



AMT-C/D countershaft speed sensor mounting.