



SSM 54924 2024-2026 Nautilus - 8F35 - Harsh/No Reverse Engagement And Illuminated MIL With DTCs P0767, P0766 And/Or P2703

Some 2024-2026 Nautilus vehicles equipped with an 8F35 transmission may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTC) P0767, P0766 and/or P2703 stored in the powertrain control module (PCM) and harsh/no reverse engagement. This may be due to the selectable one-way clutch (SOWC). To correct the condition, remove the transmission. Refer to Workshop Manual (WSM), Section 307-01. Disassemble the transmission only far enough to access the SOWC. Refer to WSM, Section 307-01 > Overhaul and perform Steps 24-65. The transmission range (TR) sensor does not have to be removed. Remove the SOWC assembly, disassemble the A-clutch and discard the SOWC. Refer to WSM, Section 307-01 > Overhaul and perform Steps 164-170. Assemble the new SOWC with the A-clutch components. Refer to WSM, Section 307-01 > Overhaul and perform Steps 173-179. The A-clutch seals can be reused unless damaged. Install the new SOWC and reverse the procedure to reassemble the transmission. Overhaul the main control valve body. Refer to WSM, Section 307-01 > Overhaul > Main Control Valve Body. Replace the torque converter seal. Refer to WSM, Section 307-01 > Removal and Installation > Torque Converter Seal. Reinstall the torque converter. Refer to WSM, Section 307-01 > Overhaul > Transmission and perform Steps 332-334. Reinstall the transmission. Refer to WSM, Section 307-01. For claiming, use causal part 7P030 and labor operation MT7P030SSM up to 16.1 hours for Nautilus AWD 2.0L.