



TECHNICAL SERVICE BULLETIN

Intermittent/Permanent No Reverse Engagement With Illuminated MIL And DTC P0767 Or P0765:7E Stored In The PCM

26-2414

11 September
2026

This bulletin supersedes 26-2058. Reason for update: update the TSB title and TSB issue to include new DTCs

Model:

Ford 2023-2025 Bronco Sport	Transmission: 8F35
2023-2025 Maverick	Transmission: 8F35

Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit all of the following conditions:

- Intermittent or permanent no reverse engagement
- Illuminated MIL with DTC P0767 or P0765:7E stored in the PCM.

In addition to the required conditions, the vehicle may also exhibit a harsh reverse engagement, DTCs P0766, P0765:7F, P0736 and/or P2703 stored in the PCM. This may be due to an internal mechanical concern with the SOWC.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to replace the SOWC.

Parts

Service Part Number	Claim Quantity	Description	Note
JM5Z-7P030-C	1	Selectable One Way Clutch	
JM5Z-7N265-E	2	Small Clutch Feed Seal	
JM5Z-7N265-G	3	Large Clutch Feed Seal	
JM5Z-7N142-A	1	Snubber O-ring Seal - Back	
JM5Z-7N142-D	1	Snubber O-ring Seal - Front	
JM5Z-1S177-A	2WD Requires 2 Pieces, AWD Requires 1 Piece	Axle Seal	
JM5Z-7A248-E	1	Converter Hub Seal	
7Z490	1	Separator Plate Gasket - Lower - Refer To The Parts Catalog For The VIN Specific Application	
7Z490	1	Separator Plate Gasket - Upper - Refer To The Parts Catalog For The VIN Specific Application	
W718843-S439	1	Steering Shaft Bolt	
W716603-S442	4	Front Cross-member Bolts	Maverick

W500727-S439	3	Rear Lower Left Side Frame Bolt (75mm)	
W500725-S439	3	Rear Lower Right Side Frame Bolt (65mm)	
W721130-S439	4	Front Lower Frame Bolt	
W520203-S440	2	Tie Rod Nut	
W719924-S439	2	Ball Joint Bolt	Bronco Sport
W520515-S442	2	Ball Joint Nut	
W500566-S439	1	Roll Restrictor Bolt	
W713199-S442	4	Frame Bracket Rear Bolt	
W720388-S439	2	Subframe Bolt Rear	
W719192-S439	2	Subframe Upper Mounting Bolt	
JX6Z-3D677-C	1	Steering Shaft Seal	
CCPZ-3B477-G	2	Half Shaft Retaining Nut	
W520102-S442	2	Half Shaft Retainer Strap Nut	Maverick, 2WD
YS4Z-3N324-AA	1	Half Shaft Retainer Strap	Maverick, 2WD
JX6Z-5A215-C	1	1.5L EcoBoost Lower Exhaust Clamp	Bronco Sport
W715618-S437	4	Torque Converter Nut	
W720206-S439	1	Transmission Mounting Bolt	Bronco Sport
W719151-S439	1	Roll Restrictor To Transmission Case Stud Bolt	
JM5Z-7G007-A	6	Valve Body Solenoid Mounting Plate	
W712658-S439	2	Solenoid Mounting Bolt	
W520103-S442	2	Exhaust Bracket Nut	Bronco Sport
LX6Z-5A215-D	1	2.0L Exhaust Clamp	
LX6Z-5A215-A	1	Lower Exhaust Clamp	Bronco Sport
W712503-S440	2	Lower Sway Bar Nut	
W721614-S439	2	Ball Joint Bolt (Maverick)	

W712449-S439	2	Roll Restrictor To Case Bolt	
W500545-S901	Maverick Requires 2 pieces, Bronco Sport Requires 3 pieces	Roll Restrictor Bolt	
JX6Z-3B498-B	Maverick AWD/Bronco Sport requires 1 piece, Maverick 2WD requires 2 pieces	Halfshaft Cir-Clip	
PM-4-A	As Needed	Motorcraft® Metal Brake Parts Cleaner (Compliant With Low Volatile Organic Compound Requirements As Required In Some USA States)	All Markets Except Canada
PM-4-B	As Needed	Motorcraft® Metal Brake Parts Cleaner (Not Compliant With Low Volatile Organic Compound Requirements)	All Markets Except Canada
CPM-4-A	As Needed	Motorcraft® Brake Parts Cleaner - VOC Compliant	Canada Only
XL-2	As Needed	Motorcraft® High Temperature Nickel Anti-Seize Lubricant	All Markets
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray	All Markets
VC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant	All Markets Except Canada
CVC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant	Canada Only
TA-29	As Needed	Motorcraft® Ultra Silicone Sealant	All Markets
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid	All Markets
XG-3-A	As Needed	Motorcraft® Silicone Brake Caliper Grease and Dielectric Compound	All Markets

Parts - AWD Only

Service Part Number	Claim Quantity	Description	Note
JM5Z-7H260-A	1	Axle Seal	
NZ6Z- 3B498-AA	1	Halfshaft Cir-Clip	
K2GZ-7275-B	1	PTU Kit Right Axle CirClip And O-ring	
W719767-S439	2	PTU Intermediate Shaft Bolt	
K2GZ-7086-A	1	PTU Intermediate Shaft Seal - Large	
W719766-S439	5	PTU Bolt	
K2GZ-7H469-D	1	Actuator To PTU Seal Kit	
LX6Z-4B496-A	3	Driveshaft Bolts	1 Piece Includes 2 Bolts And 1 Connecting Retainer
XY-75W85-QL	As Needed	Motorcraft® SAE 75W-85 Premium Synthetic Hypoid Gear Lubricant (All Markets)	Transfer Case Fluid

Parts - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description	Note
K2GZ-6758-H	Only If Necessary (Up To 1)	Engine Vapor Tube	
M1PZ-16038-A	Only If Necessary (Up To 1)	Bronco Sport Right Fender Moulding	
M1PZ-16039-A	Only If Necessary (Up To 1)	Bronco Sport Left Fender Moulding	

W717959-S300	Only If Necessary (Up To 2)	Transmission Mounting Dowel Pin	1.5L
W701350-S900	Only If Necessary (Up To 2)	Transmission Mounting Dowel Pin	2.0L
W712458-S900	Only If Necessary (Up To 2)	Exhaust Stud	
JM5Z-7F228-A	Only If Necessary (Up To 1)	Forward Clutch Inner Seal	
JM5Z-7A548-F	Only If Necessary (Up To 1)	Forward Clutch Outer Seal	

NOTE: All other parts/lubricants/fluids required by the WSM or instructed by the WSM to inspect and replace as necessary should be claimed outside of this article.

Claim Quantity refers to the total number of individual pieces required to repair the vehicle. This may differ from the number of service part number packages due to the unit of issue (UOI).

As Needed indicates the part is necessary but amount of the part may vary and/or is not a whole number. Parts can be billed out as non-whole numbers, including less than 1.

Only If Necessary indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

Labor Times

Description	Operation No.	Time
2023-2024 Maverick FWD 2.0L: Retrieve DTCs, Replace The SOWC, And Overhaul The Main Control Valve Body (Can Be Claimed With F) (Do Not Use With Any Operations Outside Of This Article)	262414A	14.4 Hrs
2023-2025 Maverick AWD 2.0L: Retrieve DTCs, Replace The SOWC, And Overhaul The Main Control Valve Body (Can Be Claimed With F) (Do Not Use With Any Operations Outside Of This Article)	262414B	16.5 Hrs
2023-2024 Bronco Sport 1.5L: Retrieve DTCs, Replace The SOWC, And Overhaul The Main Control Valve Body (Can Be Claimed With F, G And H) (Do Not Use With Any Operations Outside Of This Article)	262414C	12.5 Hrs
2025 Bronco Sport 1.5L: Retrieve DTCs, Replace The SOWC, And Overhaul The Main Control Valve Body (Can Be Claimed With F, G And H) (Do Not Use With Any Operations Outside Of This Article)	262414D	13.5 Hrs
2023-2025 Bronco Sport 2.0L: Retrieve DTCs, Replace The SOWC, And Overhaul The Main Control Valve Body (Can Be Claimed With F, G And H) (Do Not Use With Any Operations Outside Of This Article)	262414E	18.2 Hrs
2023-2025 Bronco Sport, Maverick: Additional Time To Check And Correct Toe (Can Be Claimed With A, B, C, D Or E)	262414F	0.8 Hrs
2023-2025 Bronco Sport: Additional Time To Align Parking Aid Camera If Equipped (Can Be Claimed With C, D Or E)	262414G	0.5 Hrs
2023-2025 Bronco Sport: Additional Time If Equipped With PTU Cooler (Can Be Claimed With C, D Or E)	262414H	0.2 Hrs

Repair/Claim Coding

Causal Part:	7P030
Condition Code:	69

Service Procedure

1. Remove the transmission. Refer to WSM, Section 307-01.
2. Secure the transmission to the bench mounted fixture. Refer to WSM, Section 307-01 > Overhaul > Transmission.
3. Remove the torque converter. Refer to WSM, Section 307-01 > Overhaul > Transmission.
4. Remove the main control valve body. Refer to WSM, Section 307-01.

5. Disassemble the transmission only far enough to access the SOWC. Refer to WSM, Section 307-01 > Overhaul and perform Steps 34-65.
6. Remove the SOWC and disassemble the A-clutch. Remove and discard the SOWC portion. Refer to WSM, Section 307-01 > Overhaul and perform Steps 164-170.
7. Assemble the new SOWC with the A-clutch components. Refer to WSM, Section 307-01 > Overhaul and perform Steps 173-179.

NOTE: The A-clutch seals can be reused unless damaged.

8. Install the new SOWC and reverse the procedure to reassemble the transmission.
9. Overhaul the main control valve body. Refer to WSM, Section 307-01 > Overhaul > Main Control Valve Body.
10. Reinstall the main control valve body. Refer to WSM, Section 307-01.
11. Reinstall the transmission. Refer to WSM, Section 307-01.
12. Refill the transmission to the correct fluid level. Refer to WSM, Section 307-01 > General Procedures.
13. Clear all DTCs.

NOTE: Advise the customer this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

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