



TECHNICAL SERVICE BULLETIN

No Upshift Past Second Gear, Unable To Achieve Third Gear Ratio, And/Or Illuminated MIL With DTCs P0757 And P2701

26-2263

28 May 2026

This bulletin supersedes 26-2112. Reason for update: add 2026 model year vehicles, update LV fluid XT-10-QLVC and CXT-10-LV6 description to add "Transfer Case Fluid 4WD Only", and update Step 4 to inspect/replace 7H351 and 7B177 outside of this article.

Model:

Ford 2024-2026 Expedition	Transmission: 10R80
2024-2026 Explorer	Transmission: 10R80/10R80 MHT
2024-2026 F-150	Transmission: 10R80/10R80 MHT
2024-2026 F-Super Duty	Transmission: 10R100
2024-2026 Mustang	Transmission: 10R80
2024-2026 Transit	Transmission: 10R80
Lincoln 2024-2026 Navigator	Transmission: 10R80

Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit at least one of the following conditions:

- No upshift past second gear
- Unable to achieve third gear ratio
- Illuminated MIL with DTCs P0757 and P2701

This may be due to a damaged one-way clutch.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to perform the one-way clutch directional test and replace the front support assembly (7A130) if necessary.

Parts - Front Support Replacement

Service Part Number	Claim Quantity	Description
BL8Z-7G199-A	2	Hybrid Drive Unit Feed Tube Seals (10R80 MHT)
HL3Z-7G091-F	5	Input Shaft Teflon Seals (F2)
HL3Z-7G199-A	1	Transmission Fluid Auxiliary Pump Tube Seal (10R80 If Equipped)
JL3Z-7A130-B	1	Front Support Assembly (10R80)
L1MZ-7A130-B	1	Front Support Assembly (10R80 MHT)
L1MZ-7J135-A	1	Transmission Fluid Auxiliary Pump Tube Seal (10R80 MHT)
LC3Z-7H223-AA	12	Front Support Assembly Bolt Washer Seals (10R80)

Parts - Front Support Replacement - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
7T4Z-7Z302-A	Only If Necessary (1 Possible)	Transmission Fluid Filter Seal

HL3Z-7A098-A	Only If Necessary (1 Possible)	Transmission Fluid Filter (10R80)
HL3Z-7A191-B	Only If Necessary (1 Possible)	Transmission Fluid Pan Gasket (10R80)
HL3Z-7J227-A	Only If Necessary (1 Possible)	Transmission Fluid Auxiliary Pump Tube O-Ring (10R80 If Equipped)
L1MZ-7A098-B	Only If Necessary (1 Possible)	Transmission Fluid Filter (10R80 MHT)
L1MZ-7F396-A	Only If Necessary (1 Possible)	Transmission Fluid Pan Gasket (10R80 MHT)
ML3Z-7A191-A	Only If Necessary (1 Possible)	Hybrid Drive Unit Gasket (10R80 MHT)

Parts - Front Support Replacement - Select One Of The Following If Needed

Service Part Number	Claim Quantity	Description
HL3Z-7A527-K	1	T-3 Shim 3.5-3.6 mm Selective
HL3Z-7A527-L	1	T-3 Shim 3.65-3.75 mm Selective
HL3Z-7A527-M	1	T-3 Shim 3.8-3.9 mm Selective
HL3Z-7A527-N	1	T-3 Shim 4.25-4.35 mm Selective
HL3Z-7A527-P	1	T-3 Shim 3.2-3.3 mm Selective
HL3Z-7A527-Q	1	T-3 Shim 3.05-3.15 mm Selective
HL3Z-7A527-R	1	T-3 Shim 3.35-3.45 mm Selective
HL3Z-7A527-S	1	T-3 Shim 3.95-4.05 mm Selective
HL3Z-7A527-T	1	T-3 Shim 4.1-4.2 mm Selective
HL3Z-7B066-AA	1	A Clutch Apply Plate 4.1-4.3 mm Selective
HL3Z-7B066-Z	1	A Clutch Apply Plate 4.4-4.6 mm Selective
HL3Z-7B066-Y	1	A Clutch Apply Plate 4.7-4.9 mm Selective
HL3Z-7B066-X	1	A Clutch Apply Plate 5.0-5.2 mm Selective
HL3Z-7B066-W	1	A Clutch Apply Plate 5.3-5.5 mm Selective

Parts - F-150 Transmission Removal And Installation

Service Part Number	Claim Quantity	Description	Note
7L1Z-4B496-C	2	CV Joint-To-Pinion Flange Cup Bolts & Retaining Straps (4WD)	
HL3Z-5G221-B	1	Left Stick On Bellhousing Heat Shield (3.5L Oil To Air Cooler)	
HL3Z-5G221-C	1	Right Stick On Bellhousing Heat Shield (3.5L Oil To Air Cooler)	
JL1Z-7N134-A	1	Park Override Lever Bolt (If Equipped)	
PL3Z-5C226-A	10R80 MHT Require 1 Piece, 10R80 3.5L Automatic Transmission Warming Unit Require 2 Pieces	Catalytic Converter Gasket	
ML3Z-6775-K	1	Self-Adhesive Heat Shield	
N800594-S100	4 Or 8 Pieces (Flange Dependent)	Driveshaft Flange To Flange Bolts (8 pieces For 4 Bolt Style Transmission Yoke)	

RL3Z-6L612-B	1	Left Exhaust Manifold Gasket (10R80 MHT)	
W500120-S439	4	Transmission Support Insulator Bolts (RWD 10R80 MHT)	
W520113-S440	4	Stabilizer Bar Bracket Nuts	
W520114-S442	4	Transmission Support Crossmember Nuts	
W520514-S440	2.7L Require 2 Pieces, 3.5L/5.0L Require 4 Pieces	Left Catalytic Converter Nuts	
W705443-S900	4	Catalytic Converter Nuts	
W707753-S900	4	Exhaust Studs	
W709771-S440	2	Transmission Mount Nuts	
W711140-S901	3	Transmission Support Insulator Bolts (RWD)	
W714418-S439	4	Transmission Support Crossmember Bolts	
W714717-S439	2	Muffler Inlet Pipe Bolts (5.2L/10R80 MHT)	
W715579-S439	2	Driveshaft Center Bearing Bolt (If Equipped With Two Piece Driveshaft)	
W715618-S437	4	Torque Converter Nuts	
W715798-S442	1	Transmission Fluid Cooler Tube Bracket Studbolt (5.2L/3.5L Oil To Air Cooler)	
W716375-S900	10R80 Require 9 Pieces, 10R80 MHT Require 12 Pieces	Transfer Case & Vibration Damper Bolts (4WD)	
W718353-S900	4	Transmission Support Insulator Bolts (4WD)	
W718396-S439	4	Skid Plate Nuts	
W718926-S900	4	Transmission Support Insulator Bolts (4WD 10R80 MHT)	
W722614-S900	2	Right Catalytic Converter Bolts (2.7L)	
CVC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (Canada Only)	
VC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (All Markets Except Canada)	
CXT-10-LV6	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (Canada Only)	Transfer Case Fluid, 4WD Only
XT-10-QLVC	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (All Markets Except Canada)	Transfer Case Fluid, 4WD Only
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid	

TA-24-B	As Needed	Motorcraft® Thread Sealant With PTFE (4WD)	
XG-1-E1	As Needed	Motorcraft® Premium Long-Life Grease	
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray	

Parts - F-150 Transmission Removal And Installation - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
5L7Z-7D285-A	Only If Necessary (2 Possible)	Fluid Tube Seals (5.2L/3.5L Oil To Air Cooler)
5L7Z-7J324-A	Only If Necessary (2 Possible)	Fluid Tube Backing Rings (5.2L/3.5L Oil To Air Cooler)
ML3Z-7869-C	Only If Necessary (1 Possible)	Transmission Fluid Heat Exchanger
ML3Z-3B478-A	Only If Necessary (1 Possible)	Front Driveshaft Slip Yoke Boot Clamp (Required ONLY If Boot Is Replaced)
ML3Z-3B478-B	Only If Necessary (1 Possible)	Front Driveshaft Slip Yoke Boot Clamp
ML3Z-4421-A	Only If Necessary (1 Possible)	Front Driveshaft Slip Yoke Boot
W701228-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins (5.0L/5.2L)
W718758-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins (2.7L/3.5L)

Parts - Expedition/Navigator Transmission Removal And Installation

Service Part Number	Claim Quantity	Description	Note
7L1Z-4B496-C	2	CV Joint-To-Pinion Flange Cup Bolts & Retaining Straps (4WD)	
JL1Z-7N134-A	1	Park Override Lever Bolt (If Equipped)	
ML3Z-3B478-B	Only If Necessary (1 Possible)	Front Driveshaft Slip Yoke Boot Clamp	
N811880-S100	4 Or 8 Pieces (Flange Dependent)	Driveshaft Flange To Flange Bolts	
PL3Z-5C226-A	2	Catalytic Converter Gasket	
W520113-S440	4	Stabilizer Bar Bracket Nuts	
W520114-S442	4	Transmission Support Crossmember Nuts	
W705443-S900	4	Catalytic Converter Nuts	
W709771-S440	2	Transmission Mount Nuts	
W711140-S901	3	Transmission Insulator Bolts And Washers (RWD)	
W714418-S439	4	Transmission Support Crossmember Bolts	
W714682-S442	1	Driveshaft Center Bearing Nut (If Equipped With Two Piece Driveshaft)	
W715618-S437	4	Torque Converter Nuts	
W716375-S900	9	Transfer Case Bolts (4WD)	
W718353-S900	4	Transmission Support Insulator Bolts (4WD)	

W718772-S439	1	Driveshaft Center Bearing Bolt (If Equipped With Two Piece Driveshaft)	
W719738-S439	1	Driveshaft Center Bearing Bracket Mounting Stud (If Equipped With Two Piece Driveshaft)	
W720882-S442	1	Transmission Fluid Heat Exchanger Bolt	
CVC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (Canada Only)	
VC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (All Markets Except Canada)	
CXT-10-LV6	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (Canada Only)	Transfer Case Fluid, 4WD Only
XT-10-QLVC	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (All Markets Except Canada)	Transfer Case Fluid, 4WD Only
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid	
TA-24-B	As Needed	Motorcraft® Thread Sealant With PTFE (4WD)	
XG-1-E1	As Needed	Motorcraft® Premium Long-Life Grease	
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray	

Parts - Expedition/Navigator Transmission Removal And Installation - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
ML3Z-7869-C	Only If Necessary (1 Possible)	Transmission Fluid Heat Exchanger
ML3Z-3B478-A	Only If Necessary (1 Possible)	Front Driveshaft Slip Yoke Boot Clamp (Required ONLY If Boot Is Replaced)
ML3Z-4421-A	Only If Necessary (1 Possible)	Front Driveshaft Slip Yoke Boot
W718758-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins

Parts - Mustang Transmission Removal And Installation

Service Part Number	Claim Quantity	Description
BR3Z-5B266-A	1	Right Exhaust Gasket
FR3Z-4B496-B	3	Driveshaft To Pinion Flange Bolts
N800594-S101	4 Or 8 Pieces (Flange Dependent)	Driveshaft Flange To Flange Bolts (8pcs For 4 Bolt Style Transmission Yoke)
W500545-S439	3	Driveshaft To Transmission Flange Bolts (If Equipped)
W705443-S900	2	Catalytic Converter Nuts
W710726-S437	2	Selector Lever Cable Bracket Bolts
W712334-S440	4	Strut Tower Cross Brace Nuts (5.0L)
W715131-S437	1	Heat Exchanger Tube Bracket Bolt/Transmission Fluid Cooler Tube Bolt
W715618-S437	5.0L Require 4 Pieces, 2.3L Require 6 Pieces	Torque Converter Nuts
W717822-S439	2	Driveshaft Center Bearing Bolts
W719298-S439	3	Driveshaft To Pinion Flange Bolts

TA-25-B	As Needed	Motorcraft® Thread Sealant With PTFE
XL-1	As Needed	Motorcraft® Penetrating and Lock Lubricant
XL-2	As Needed	Motorcraft® High Temperature Nickel Anti-Seize Lubricant
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid

Parts - Mustang Transmission Removal And Installation - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
JL3Z-9439-A	Only If Necessary (1 Possible)	Intake Gaskets (5.0L)
JR3Z-4782-B	Only If Necessary (1 Possible)	Flex Coupling
LJ9Z-7J227-A	Only If Necessary (4 Possible)	Fluid Cooler O-Ring Seals

Parts - Transit Transmission Removal And Installation

Service Part Number	Claim Quantity	Description	Note
KK2Z-00811-A	2	Wheel Hub Nut	
LK4Z-00815-A	1	Left Halfshaft O-Ring Oil Seal	
LK4Z-3B498-A	1	Left Halfshaft Snap-Ring Circlip	
LK4Z-4B496-A	6	CV Joint-to-Pinion Flange Cup Bolts And Retaining Straps/CV Joint To Transfer Case Flange Bolts & Straps (AWD)	
N800594-S100	4 Or 8 Pieces (Flange Dependent)	U-Joint Flange Style Bolts - Refer To The Parts Catalog For VIN Specific Application	
W500463-S442	4	Brake Caliper Anchor Plate Bolts	
W505264-S442	2	Driveshaft Safety Strap Bolts (If Equipped)	
W505434-S439	4	Lower Load Path Bar Retainers	
W506434-S439	8	Lower Load Path Bar Bolts	
W520215-S442	4	Tie Rod End Nut/Front Subframe Forward Nuts (2 per application)	
W520514-S440	4	Catalytic Converter Flange Nuts	
W709176-S300	2	Splash Shield Push Pins	
W709653-S303	8	Pop Rivets - Muffler Heat Shield/Front Floor Heat Shield	
W710660-S441	2	Transmission Support Insulator Nuts	
W711076-S442	2	Lower Ball Joint Nut	
W711137-S442	1	Steering Column Shaft Bolt	
W712503-S440	2	Front Stabilizer Bar Link Rod Nuts	
W713078-S439	6	Driveshaft Center Bearing Bolts - Refer To The Parts Catalog For VIN Specific Application	

W715618-S437	4	Torque Converter Nuts	
W716331-S439	4	Transmission Crossmember Bolts	
W718943-S439	2	Front Subframe Rearward Bolts	
W719972-S439	3	Front Axle To Torque Arm Bolts	
W719976-S439	3	Front Axle Tube Bolts/Front Axle To Transmission Bolts	
W720688-S439	1	Front Axle To Transmission Bolt	
CVC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (Canada Only)	
VC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (All Markets Except Canada)	
CXT-10-LV6	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (Canada Only)	Transfer Case Fluid, 4WD Only
XT-10-QLVC	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (All Markets Except Canada)	Transfer Case Fluid, 4WD Only
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid	
XG-1-E1	As Needed	Motorcraft® Premium Long-Life Grease	
XL-1	As Needed	Motorcraft® Penetrating and Lock Lubricant	
XL-2	As Needed	Motorcraft® High Temperature Nickel Anti-Seize Lubricant	
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray	
XY-75W140-QL	As Needed	Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant	

Parts - Transit Transmission Removal And Installation - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
LJ9Z-7J227-A	Only If Necessary (4 Possible)	Transmission Fluid Cooler Tube O-Ring Seals
LK4Z-7A098-A	Only If Necessary (1 Possible)	Transmission Fluid Filter
W715471-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins (3.5L DOHC Turbo)
W718758-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins (3.5L DOHC VCT)
W719583-S900	Only If Necessary (2 Possible)	Right Catalytic Converter Studs - (3.5L EcoBoost)
W720627-S900	Only If Necessary (4 Possible)	Left Catalytic Converter Studs - (3.5L EcoBoost)

Parts - F-Super Duty 10R100 Transmission Removal And Installation

Service Part Number	Claim Quantity	Description	Note
BC3Z-4N272-A	1 Or 2 Pieces (Flange Dependent)	Driveshaft Center Bearing Bolt (1 For 2 Piece Driveshaft) (2 For 3 Piece Driveshaft)	
W500633-S439	1 Or 2 Pieces (Flange Dependent)	Driveshaft Center Bearing Bolt (1 For 2 Piece Driveshaft) (2 For 3 Piece Driveshaft)	
E4HZ-4A254-A	2	Rear Drive Shaft Retainer Straps (4WD Fixed Flange If Equipped)	
F1HZ-4N272-A	4	Rear Drive Shaft To Output Flange Bolts (4WD Fixed Flange If Equipped)	

N811880-S100	4 Or 8 Pieces (Flange Dependent)	Driveshaft Flange to Transmission Flange Bolts (RWD Vehicles)	
W520514-S440	4	Left And Right Y-Pipe-To-Exhaust Manifold Nuts	
W520515-S440	4	Crossmember Bracket Nuts	
W709771-S440	2	Transmission Mount Support Isolator Nuts	
W710356-S439	4	Crossmember Bracket Bolts	
W714656-S439	4	Exhaust Hanger Bracket Bolts	
W714717-S439	2	Exhaust Y-Pipe-To-Resonator/Catalytic Converter Bolts	
W715131-S442	1	Transmission Fluid Heat Exchanger Tube Bolt	
W715618-S437	4	Torque Converter Nuts	
W716637-S439	2	Transfercase Studs (2 For 4WD)/Rear Transmission Mount Bracket Bolt (2 For RWD)	
W721321-S439	7	Transfercase Bolts (4WD)	
Obtain Locally	As Needed	Loctite® 243 Threadlocker	
CVC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (Canada Only)	
VC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant (All Markets Except Canada)	
CXT-10-LV6	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (Canada Only)	Transfer Case Fluid, 4WD Only
XT-10-QLVC	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (All Markets Except Canada)	Transfer Case Fluid, 4WD Only
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid	
TA-24-B	As Needed	Motorcraft® Thread Sealant With PTFE (4WD)	
XG-1-E1	As Needed	Motorcraft® Premium Long-Life Grease	
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray	

Parts - F-Super Duty 10R100 Transmission Removal And Installation - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
BC3Z-5A231-A	Only If Necessary (1 Possible)	Exhaust Y-Pipe-To-Resonator Pipe Clamp (Regular Cab)
F2AZ-6397-A	Only If Necessary (2 Possible)	Engine Block Dowel Pins (7.3L)
PC3Z-7J227-A	Only If Necessary (4 Possible)	Transmission Fluid Cooler O-Ring Seals
W710726-S442	Only If Necessary (2 Possible)	Bracket Bolts

Parts - Explorer Transmission Removal And Installation

Service Part Number	Claim Quantity	Description	Note
L1MZ-3B478-A	1	Front Drive Shaft Boot Clamp	
L1MZ-4421-A	1	Front Drive Shaft Boot	
L1MZ-6L612-B	1	Catalytic Converter Gasket (3.0L)	
LB5Z-3B498-A	1	Front Axle Pinion Stem Circlip	
L1MZ-4A015-B	1	Front Axle Pinion Stem O-Ring	
W520214-S440	1	Transmission Mount Nut (4WD & RWD)	

W700714-S437	2	Selector Lever Cable Bracket Bolts	
W714265-S442	4	Catalytic Converter Nuts (3.3L)	
W715131-S442	1	Transmission Fluid Cooler Tube Bracket Bolt	
W715618-S437	3.0L Require 6 Pieces, All Other 10R80 Require 4 Pieces	Torque Converter Nuts	
W716375-S900	8	Transfer Case Bolts (4WD)	
W716979-S439	2	Rear Subframe Bolts (3.0L)	
W719413-S439	2	Middle Subframe Bolts (3.0L)	
W719431-S439	RWD Require 2 Pieces, 4WD Require 3 Pieces	Transmission Mount Bolts (3 for 4WD/2 for RWD)	
W719511-S439	3 Or 6 Pieces (Flange Dependent)	Driveshaft Flex Coupling To Transfer Case Flange Bolts (4WD)	
W719699-S442	2	Left Catalytic Converter Nuts (3.0L)	
W720545-S442	1	Transmission Cooler Tube Bracket Bolt (Police Interceptor Utility)	
W721083-S439	4	Transmission Crossmember Bolts	
5L3Z-19A506-A	As Needed	Slip Yoke Grease (Grease - Chassis Lubrication)	
CXT-10-LV6	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (Canada Only)	Transfer Case Fluid, 4WD Only
XT-10-QLVC	As Needed	Motorcraft® MERCON® LV Automatic Transmission Fluid (All Markets Except Canada)	Transfer Case Fluid, 4WD Only
XT-12-QULV	As Needed	Motorcraft® MERCON® ULV Automatic Transmission Fluid	
PM-4-A	As Needed	Motorcraft® Metal Brake Parts Cleaner	
TA-29	As Needed	Motorcraft® Ultra Silicone Sealant	
XG-11	As Needed	Motorcraft® High Temperature 4x4 Front Axle and Wheel Bearing Grease	
XL-5-A	As Needed	Motorcraft® Multi-Purpose Grease Spray	
ZC-20	As Needed	Motorcraft® Engine Shampoo and Degreaser	
ZC-30-A	As Needed	Motorcraft® Silicone Gasket Remover	
ZC-31-B	As Needed	Motorcraft® Metal Surface Prep Wipes	

Parts - Explorer Transmission Removal And Installation - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description
5L7Z-7D285-A	Only If Necessary (2 Possible)	Transmission Fluid Cooler Tube O-Ring Seals
5L7Z-7J324-A	Only If Necessary (2 Possible)	Transmission Fluid Cooler Tube Backing Rings
L1MZ-4650-A	Only If Necessary (1 Possible)	Driveshaft Alignment Bushing
L1MZ-4782-A	Only If Necessary (1 Possible)	Flex Coupling
W525585-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins (3.0L)

W716963-S900	Only If Necessary (4 Possible)	Catalytic Converter Studs (3.3L)
W718758-S300	Only If Necessary (2 Possible)	Engine Block Dowel Pins (3.3L)
W719698-S900	Only If Necessary (2 Possible)	Left Catalytic Converter Studs (3.0L)

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.

Warranty Status: Warranty coverage limits and policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

Labor Times

Description	Operation No.	Time
2024-2026 F-150 4X2/4X4 5.0L TiVCT, 3.5L/2.7L EcoBoost, 5.2L Predator: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263A	2.6 Hrs
2024-2026 F-150 4X2 5.0L TiVCT Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263B	7.6 Hrs
2024-2026 F-150 4X4 5.0L TiVCT Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263C	8.6 Hrs
2024-2026 F-150 4X2 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263D	8.2 Hrs
2024-2026 F-150 4X4 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263E	9.4 Hrs
2024-2026 F-150 4X2 2.7L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263F	8.3 Hrs
2024-2026 F-150 4X4 2.7L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263G	9.5 Hrs
2024-2026 F-150 4X4 5.2L Predator: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263H	9.3 Hrs
2024-2026 F-150 4X2/4X4 3.5L PowerBoost: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263J	5.1 Hrs
2024-2026 F-150 4X2 3.5L PowerBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263K	10.8 Hrs
2024-2026 F-150 4X4 3.5L PowerBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263L	11.6 Hrs
2024-2026 Expedition/Navigator 4X2/4X4 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263M	2.9 Hrs
2024-2026 Expedition 4X2 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263N	8.3 Hrs
2024-2026 Expedition 4X4 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To	262263P	9.3 Hrs

Remove And Install Transmission		
2024-2026 Navigator 4X4 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263Q	9.6 Hrs
2024-2026 Explorer 4WD 3.3L TiVCT/3.3L Hybrid And 3.0L EcoBoost: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263R	2.7 Hrs
2024-2026 Explorer 4WD 3.3L TiVCT: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263S	9.5 Hrs
2024-2026 Explorer 4WD 3.3L Hybrid: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263T	10.5 Hrs
2024-2026 Explorer 4WD 3.0L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263U	8.4 Hrs
2024-2026 Mustang Coupe And Convertible 2.3L EcoBoost: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263V	2.7 Hrs
2024-2026 Mustang Coupe 2.3L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263W	7.7 Hrs
2024-2026 Mustang Convertible 2.3L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263X	8.3 Hrs
2024-2026 Mustang Coupe And Convertible 5.0L TiVCT: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263Y	2.9 Hrs
2024-2026 Mustang Coupe 5.0L TiVCT: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263Z	10.0 Hrs
2024-2026 Mustang Convertible 5.0L TiVCT: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263AA	10.6 Hrs
2024-2026 F-Super Duty 4X2 And 4X4 6.8L: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263BB	3.0 Hrs
2024-2026 F-Super Duty 4X2 6.8L: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263CC	7.6 Hrs
2024-2026 F-Super Duty 4X4 6.8L: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263DD	8.2 Hrs
2024-2026 Transit RWD/AWD 3.5L TiVCT And 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Pass) Includes Time To Remove The Fluid Pump	262263EE	4.2 Hrs
2024-2026 Transit RWD 3.5L TiVCT: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263FF	8.4 Hrs
2024-2026 Transit AWD 3.5L TiVCT: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263GG	10.2 Hrs
2024-2026 Transit RWD 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263HH	8.4 Hrs
2024-2026 Transit AWD 3.5L EcoBoost: Retrieve DTC's, Inspect OWC (Fail) Includes Time To Remove The Fluid Pump, Replace The Front Support Assembly, Includes Time To Remove And Install Transmission	262263JJ	10.2 Hrs

2024-2026 Transit AWD/RWD: Additional Time To Check And Correct Front Toe (Can Be Used With Labor Operation FF, GG, HH Or JJ)	262263KK	1.0 Hrs
2024-2026 Transit AWD/RWD With Lane Departure Warning: Additional Time To Check And Correct Front Toe Includes Extra Time To Align LDW Camera System (Can Be Claimed With Operation FF, GG, HH Or JJ)	262263LL	1.4 Hrs
2024-2026 Transit: Transit AWD/RWD: Additional Time To Remove And Install Running Boards If Equipped (Can Be Used With Labor Operation EE, FF, GG, HH Or JJ)	262263MM	0.3 Hrs

Repair/Claim Coding

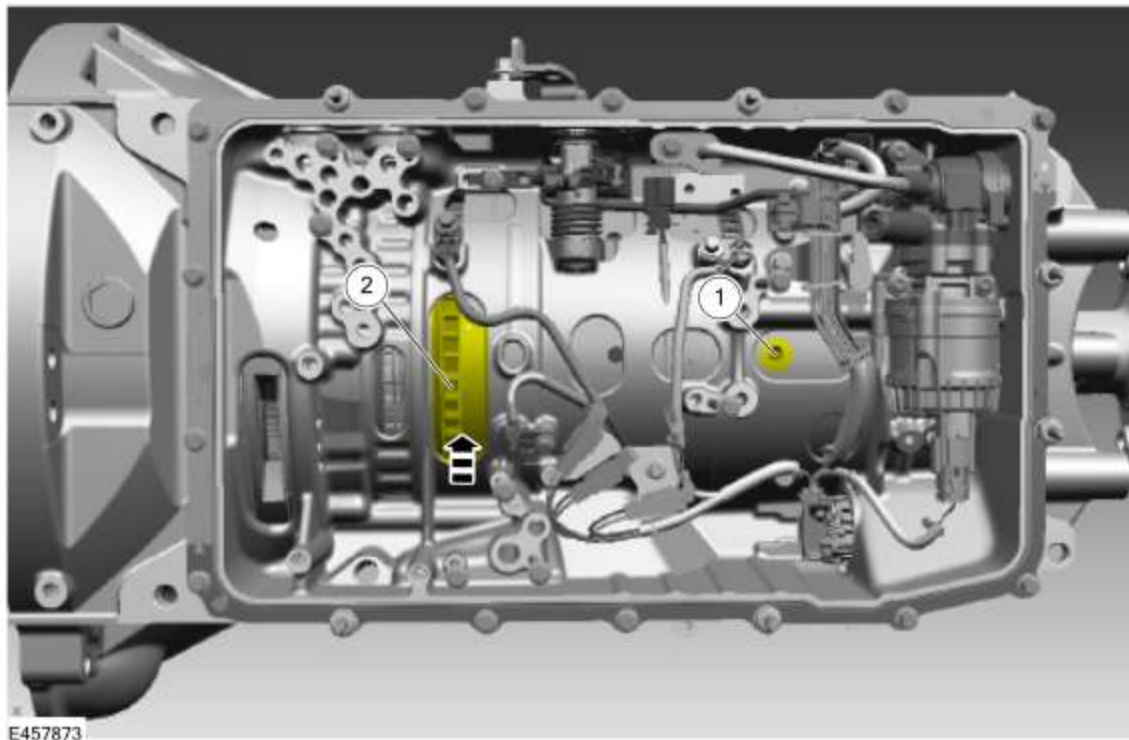
Causal Part:	7A130
Condition Code:	07

Service Procedure

1. Perform the one-way clutch directional test.

- (1). Remove the transmission fluid pump to access the rotating assembly through the bottom of the transmission case. Refer to WSM, Section 307-01.
- (2). Hold the clutch and planetary container cylinder (Figure 1, Callout 1) stationary while rotating the No. 1 ring gear (Figure 1, Callout 2) in the arrow direction shown in Figure 1 to verify the one-way clutch rotates freely and smoothly. While holding the clutch and planetary container cylinder (Figure 1, Callout 1) stationary, try rotating the No. 1 ring gear (Figure 1, Callout 2) in the opposite direction of the arrow shown in Figure 1 to verify the one-way clutch is holding.

Figure 1



Item	Description
1	Clutch and planetary container cylinder
2	No. 1 ring gear

2. Does ring gear No. 1 (Figure 1, Callout 2) rotate in the direction shown and hold in the opposite direction of the arrow shown in Figure 1?

- (1). Yes - this article does not apply. Refer to WSM, Section 307-01 for normal diagnostics.
- (2). No - proceed to Front Support Replacement Procedure in this article.

Front Support Replacement Procedure

1. Install the transmission fluid pan and bolts.

NOTE: It is not necessary to torque the fluid pan bolts at this time.

2. Remove the transmission and mount the transmission to the bench. Refer to WSM, Section 307-01.
3. Remove and discard the front support assembly. Perform only the necessary steps to remove and replace the front support assembly. Refer to WSM, Section 307-01.
 - (1). It is only necessary to remove the torque converter/(hybrid drive unit (HDU) for 10R80 MHT), the main control, and the transmission fluid pump to remove the front support.
4. Inspect other transmission components for damage and replace if necessary outside of this article. (7H351 and 7B177)
5. Perform the T3 selective shim measurement and install the new front support assembly. Refer to WSM, Section 307-01.
6. Reassemble the transmission. Refer to WSM, Section 307-01.
7. Install the transmission. Refer to WSM, Section 307-01.
8. Perform an adaptive learning drive cycle. Refer to WSM, Section 307-01.

NOTE: Advise the customer that 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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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.