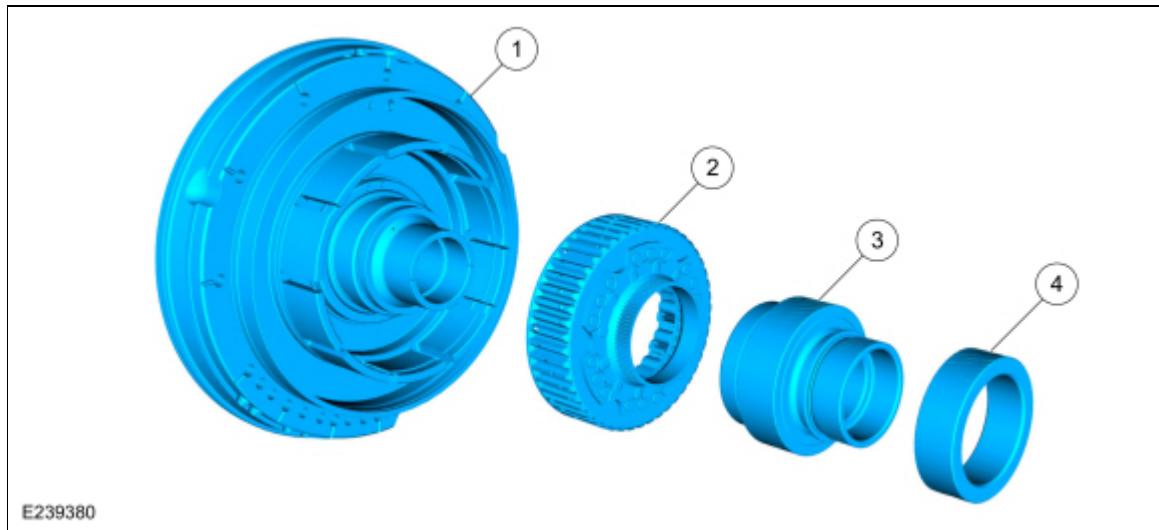


307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80
Description and Operation

2019 Ranger
Procedure revision date: 08/18/2016

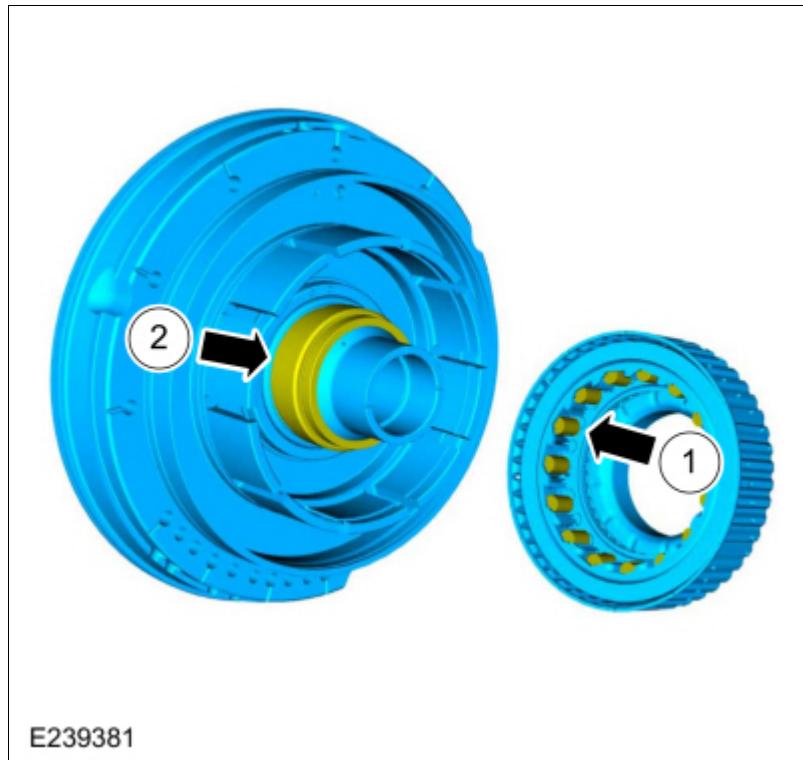
Low One-Way Clutch Assembly

One-Way Clutch (OWC) Exploded View



Item	Description
1	Front support assembly
2	One-Way Clutch (OWC)
3	Sun gear No. 1
4	Sun gear No. 2

One-Way Clutch (OWC) Mechanical Operation



E239381

The One-Way Clutch (OWC) is a brake clutch that holds the sun gears No. 1&2 in one direction and allows it to freewheel in the opposite direction eliminating engine braking in 1st gear when the transmission is in drive. The rollers of the One-Way Clutch (OWC) lock to a inner race that is part of the front support assembly.

1. One-Way Clutch (OWC) rollers
2. One-Way Clutch (OWC) inner race

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