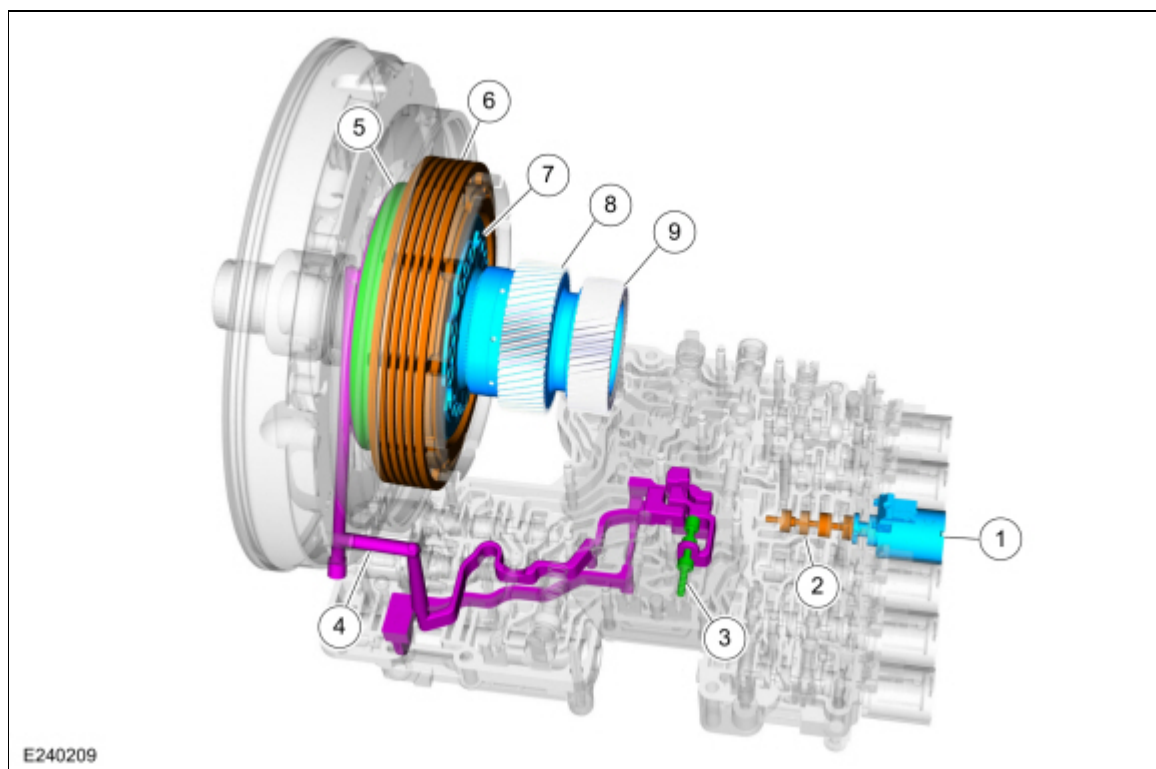


307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80
Description and Operation

2019 Ranger
Procedure revision date: 08/18/2016

B Clutch

Overview

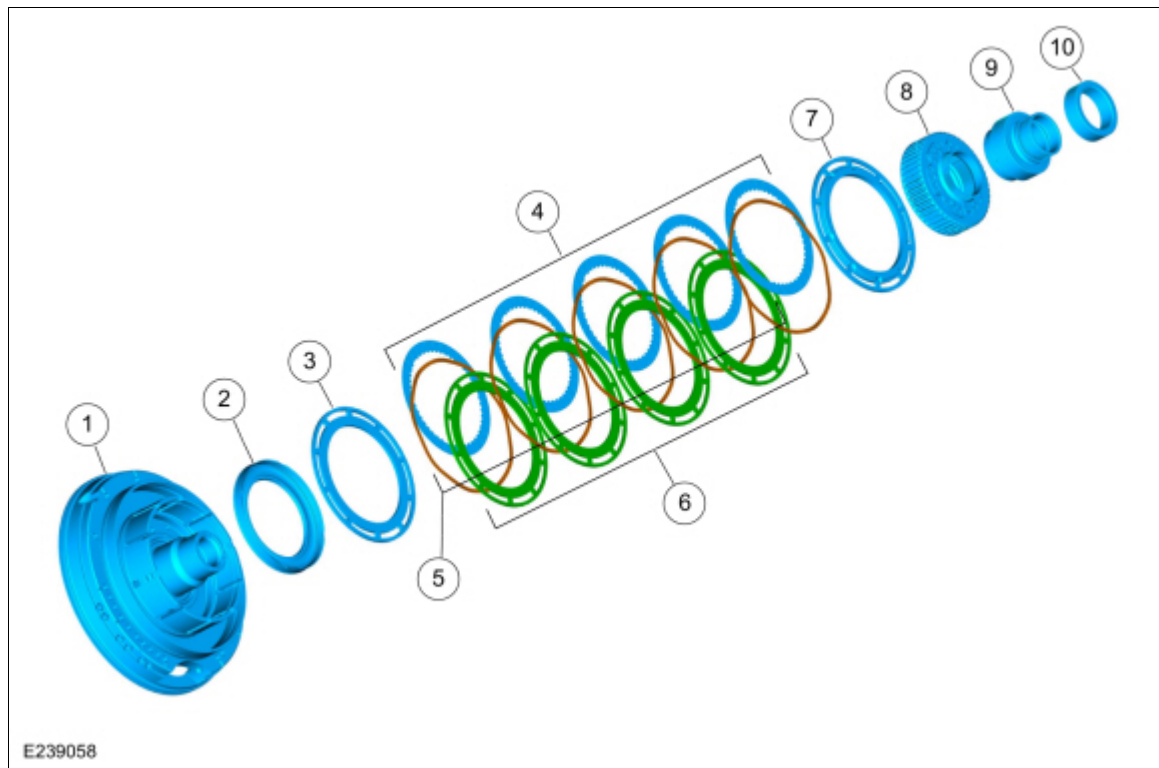


Item	Description
1	<u>SSB</u>
2	B clutch control valve
3	B clutch latch valve
4	B clutch apply circuit
5	B clutch piston
6	B clutch assembly
7	One-Way Clutch (OWC)
8	Sun gear No. 1
9	Sun gear No. 2

Sun gear No. 1 is mechanically connected to sun gear No. 2. Sun gear No. 1 is also connected to the B clutch. When the B clutch applies, it holds the sun gear No. 1 and sun gear No. 2 stationary. The One Way Clutch (OWC) also holds the sun gear No. 1 and sun gear No. 2 stationary during acceleration in first and

second gear when the shifter is in the D position.

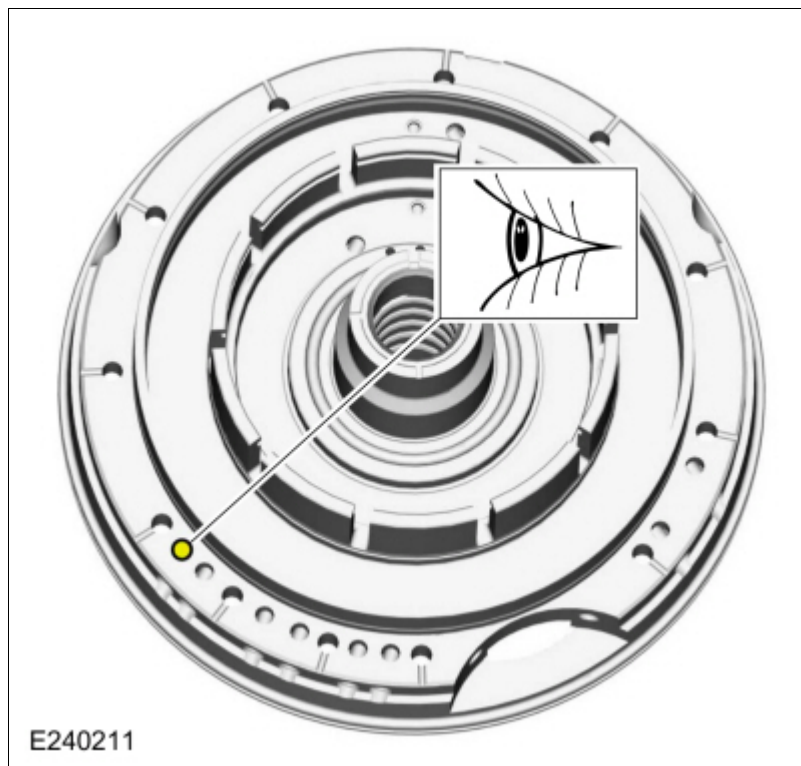
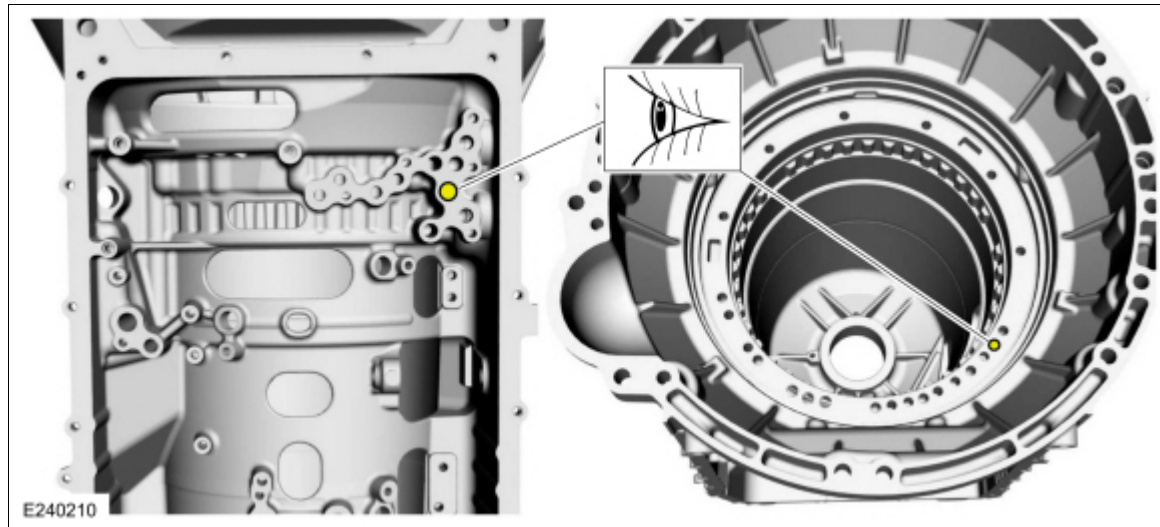
B Clutch Exploded View

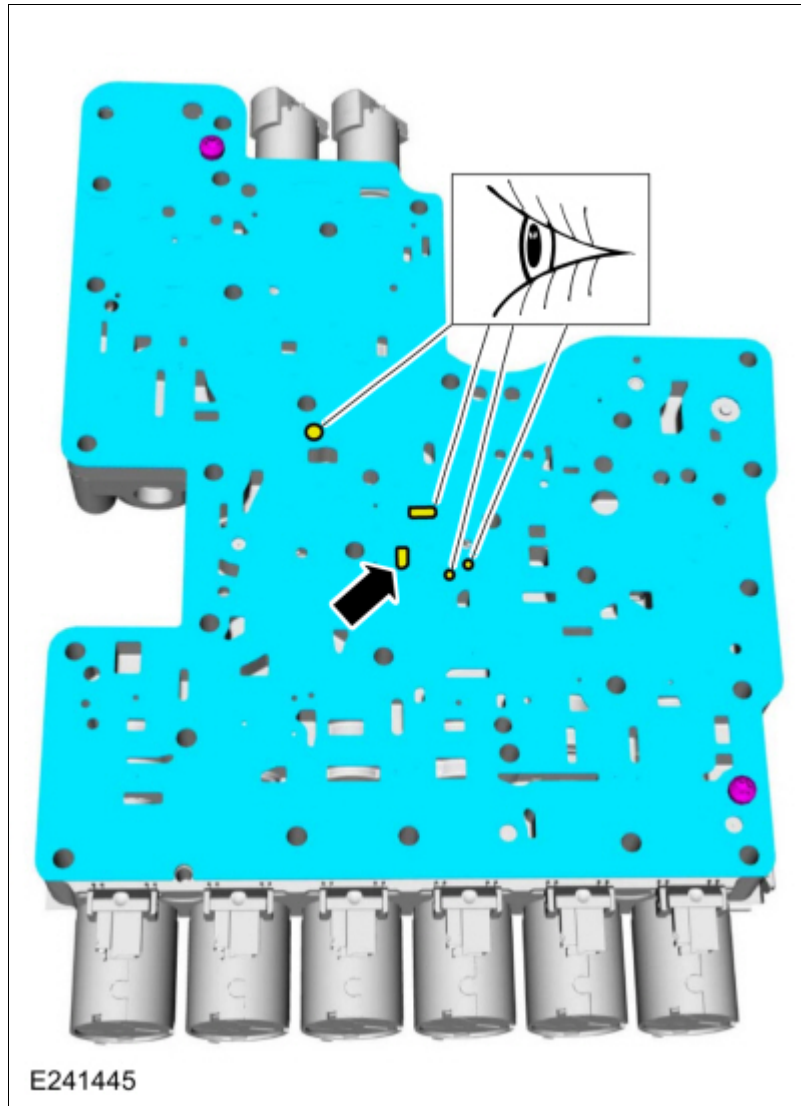


Item	Description
1	Front support assembly
2	B clutch piston
3	B clutch apply plate
4	B clutch friction plates
5	B clutch separating springs
6	B clutch steel plates
7	B clutch pressure plate
8	One-Way Clutch (OWC)
9	Sun gear No. 1
10	Sun gear No. 2

B Clutch Hydraulic Circuits

http://www.fordservicecontent.com/Ford_Content/vdirsnet/workshop/ody/~WSKG/US/EN/... 1/9/2019





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