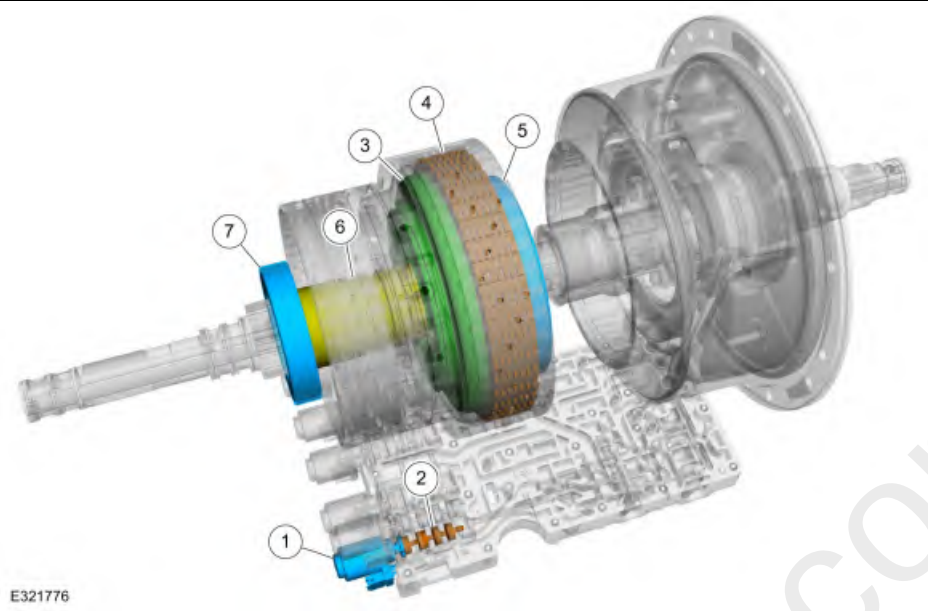


C Clutch

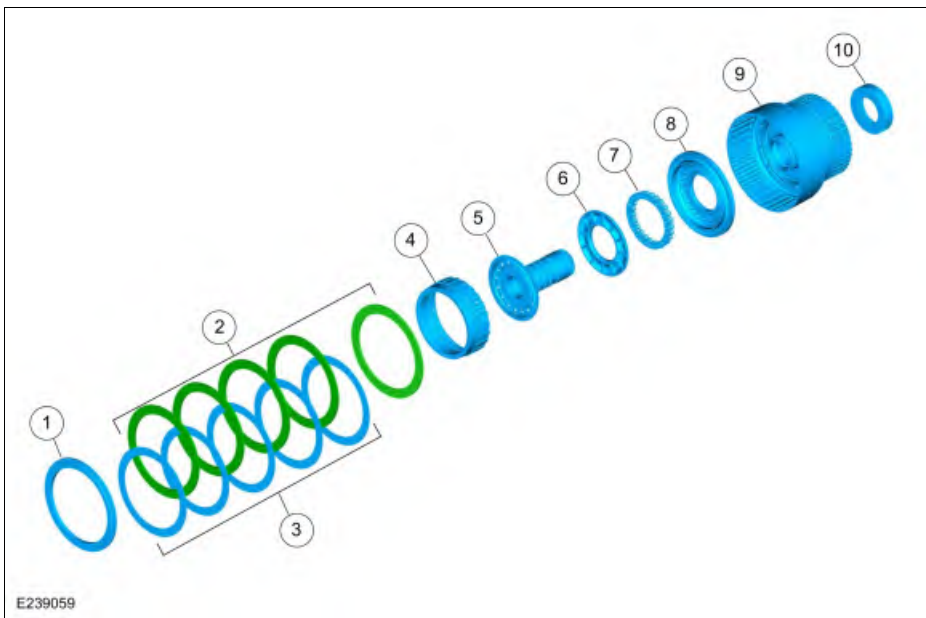
Overview



Item	Description
1	SSC
2	C clutch control valve
3	C clutch piston
4	C clutch assembly
5	Ring gear No. 2
6	Shaft (sun gear No. 3)
7	Sun gear No. 3

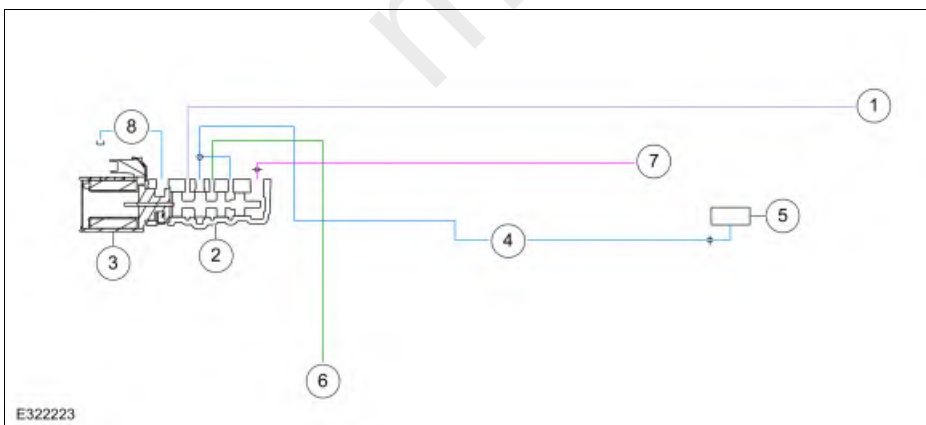
Ring gear No. 2 is mechanically connected to sun gear No. 3 and is also connected to the C clutch. When the C clutch applies, torque from ring gear No. 2 may be applied the planetary carrier No. 3.

C Clutch Exploded View



Item	Description
1	C clutch pressure plate
2	C clutch steel plates
3	C clutch friction plates
4	Ring gear No. 2
5	Shaft (sun gear No 3)
6	C clutch balance dam
7	C clutch piston return spring
8	C clutch piston
9	CDF clutch cylinder
10	Sun gear No. 3

C Clutch Hydraulic Circuits



Item	Description
1	Pump output
2	C clutch control valve
3	SSC
4	Clutch control pressure to mechanical C clutch
5	Mechanical C clutch

6	Control pressure exhaust
7	Elevated exhaust pressure
8	Exhaust

C Clutch Hydraulic Operation

Pump output pressure is supplied to the C clutch control valve. As SSC turns on, it moves the control valve allowing regulated pump output pressure to flow to the mechanical C clutch. When the regulated pump output pressure in the C clutch control circuit reaches approximately 689 kPa (100 psi), the mechanical C clutch is fully applied.

C Clutch Hydraulic Passages

