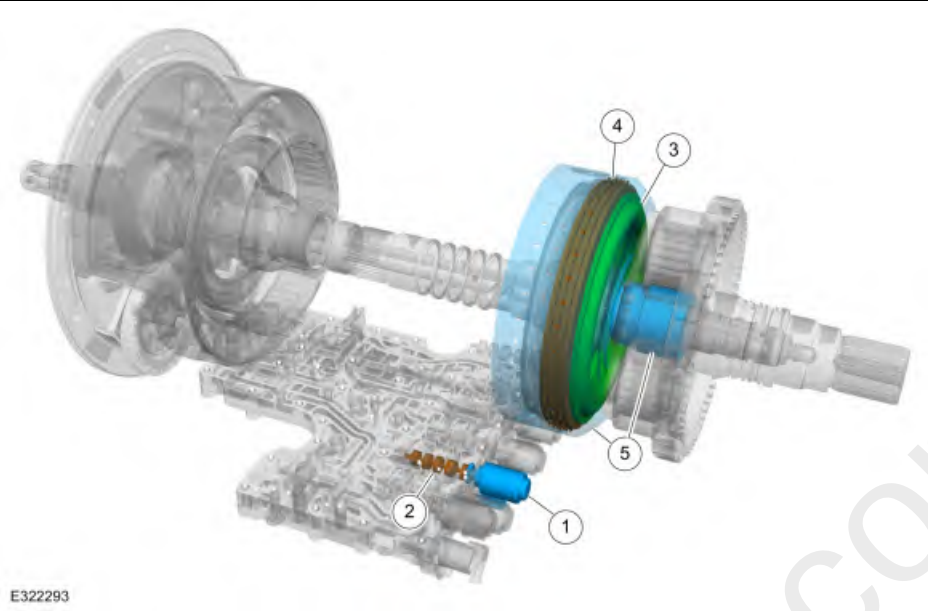


E Clutch

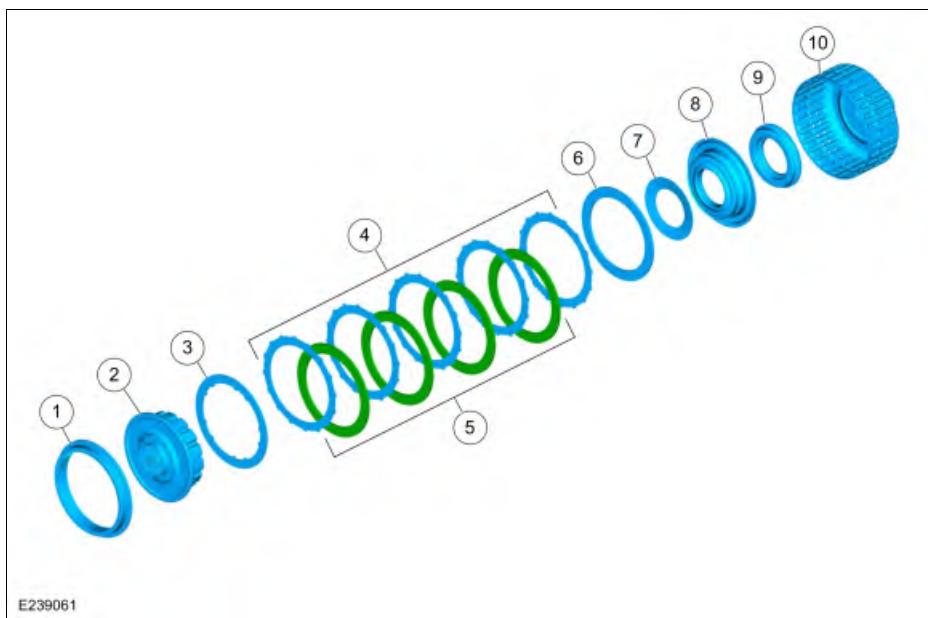
Overview



Item	Description
1	SSE
2	E clutch control valve
3	E clutch piston
4	E clutch assembly
5	Shell and sun gear No. 4

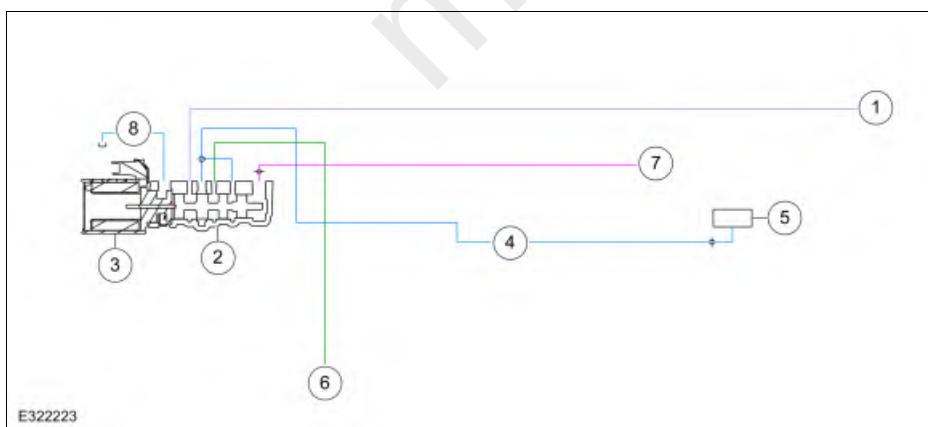
Ring gear No. 3 is mechanically connected to sun gear No. 4 and both are connected to the E clutch. When the E clutch applies, torque from the input shaft is transferred to ring gear No. 3 and sun gear No. 4.

E Clutch Exploded View



Item	Description
1	Ring gear No. 3
2	E clutch hub
3	E clutch pressure plate (select fit)
4	E clutch friction plates (quantity model dependent)
5	E clutch steel plates (quantity model dependent)
6	E clutch apply plate (2.9-3.0 mm)
7	E clutch piston return spring
8	E clutch piston
9	E clutch balance dam
10	Shell and sun gear No. 4

E Clutch Hydraulic Circuits



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

6	Control pressure exhaust
7	Elevated exhaust pressure
8	Exhaust

E Clutch Hydraulic Operation

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

E Clutch Hydraulic Passages

