COMPONENT LOCATOR

DISASSEMBLED VIEWS

Case and Associated Parts (1 of 2)

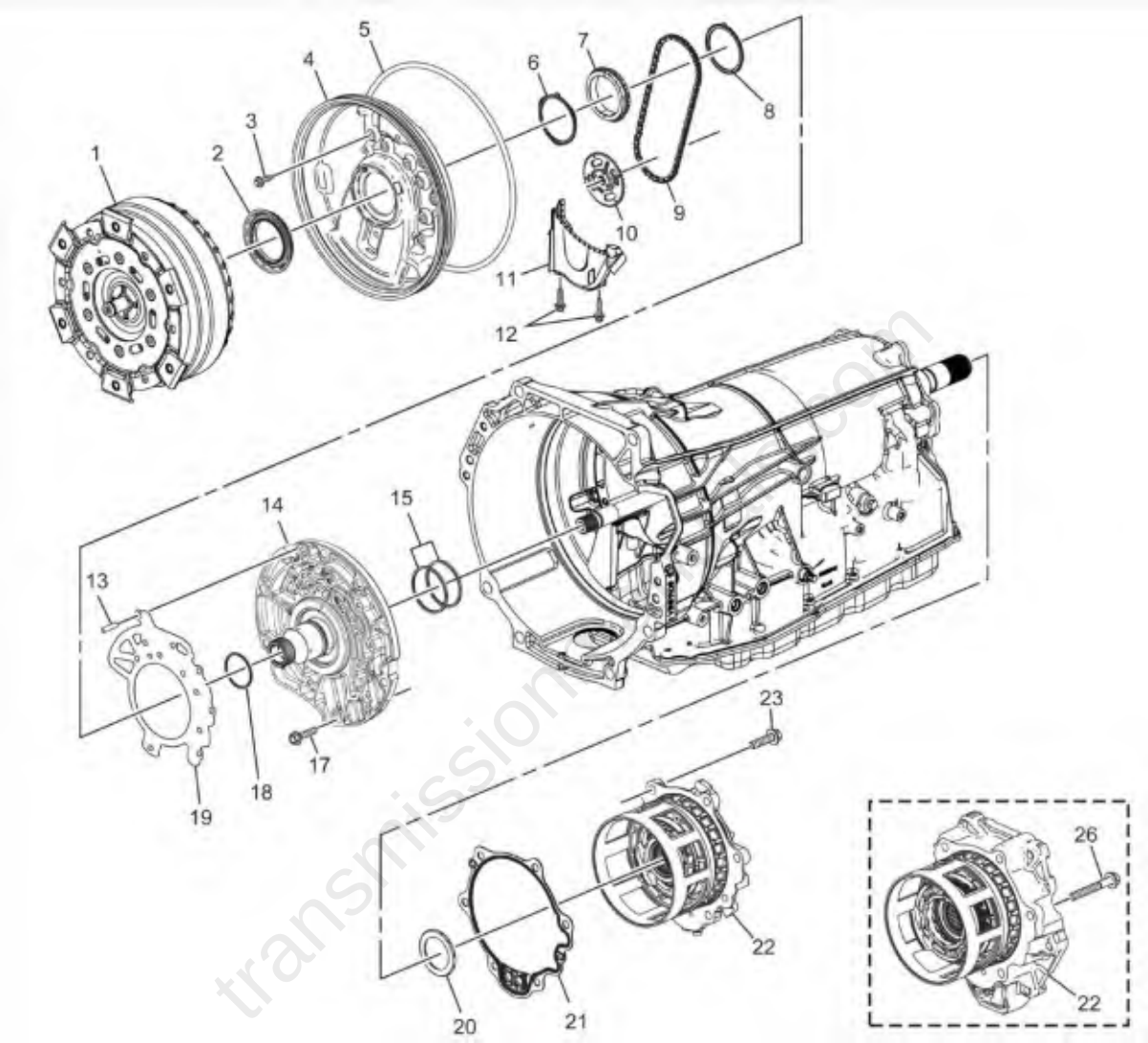


Fig. 1: Exploded View Of Case And Associated Parts (1 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Torque Converter
2	Torque Converter Fluid Seal
3	Automatic Transmission Case Front Cover Bolt
4	Automatic Transmission Case Front Cover
5	Automatic Transmission Case Front Cover Seal
6	Drive Sprocket Thrust Washer - Front
7	Drive Sprocket
8	Drive Sprocket Thrust Washer - Rear
9	Drive Link
10	Driven Sprocket
11	Automatic Transmission Fluid Baffle

Callout	Component Name
12	Automatic Transmission Fluid Baffle Bolt
13	Automatic Transmission Case Front Cover Locating Pin
14	Stator Shaft Support
15	1-3-5-6-7 Clutch Fluid Seal Ring
17	Stator Shaft Support Bolt
18	Torque Converter Fluid Seal
19	Automatic Transmission Front Support Cover Gasket
20	Output Carrier Thrust Bearing
21	Automatic Transmission Case Extension Seal
22	Automatic Transmission Case Extension
23	Automatic Transmission Case Extension Bolt
26	Automatic Transmission Case Extension Bolt

Case and Associated Parts (2 of 2)

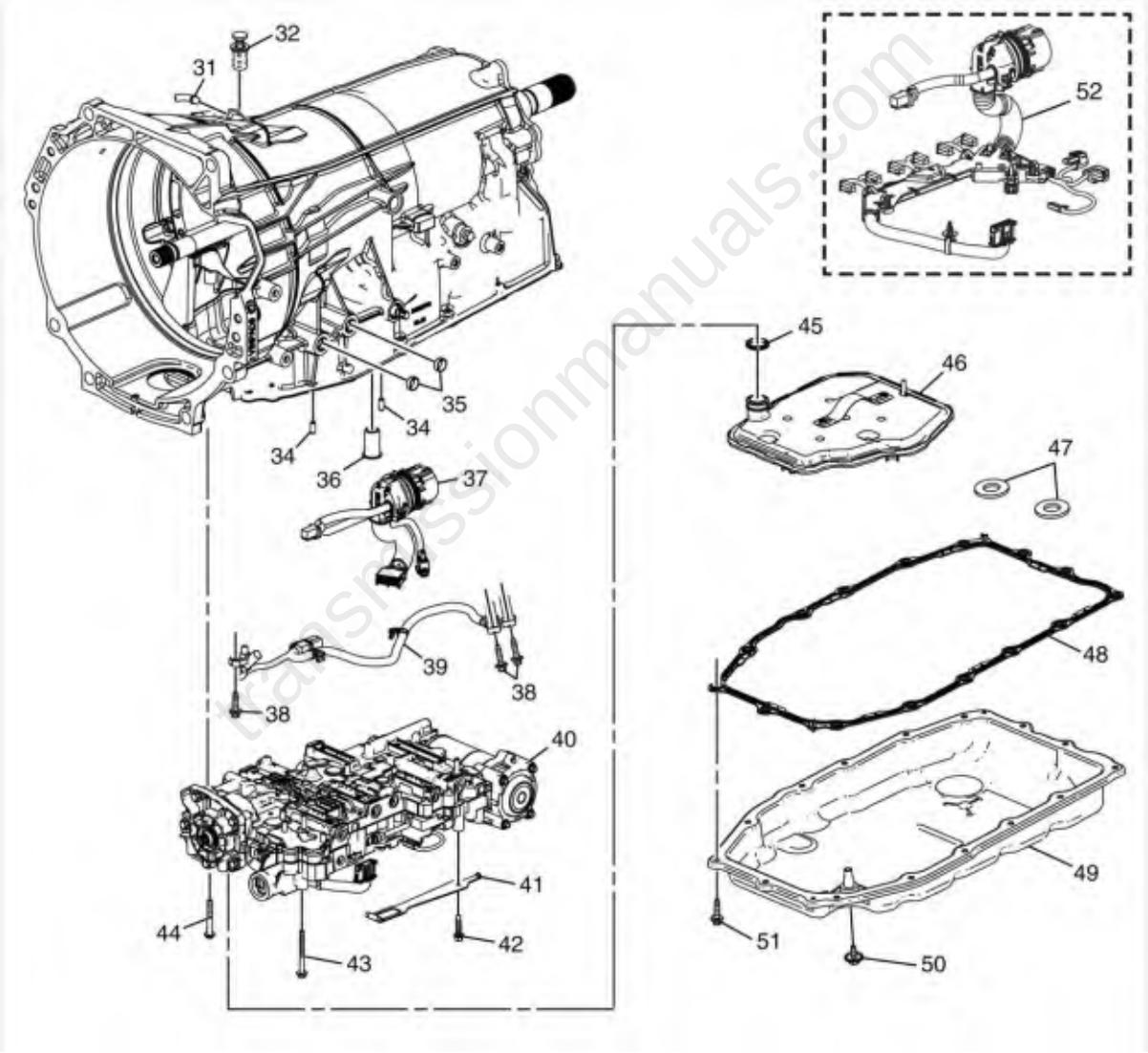


Fig. 2: Exploded View Of Case And Associated Parts (2 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
31	Automatic Transmission Vent Pipe
32	Transmission Fluid Filler Tube Plug
34	Control Valve Body Locating Pin

Callout	Component Name
35	Transmission Fluid Cooler Pipe Seal
36	Clutch Housing Fluid Passage Seal
37	Automatic Transmission Wiring Harness
38	Automatic Transmission Fluid Baffle Bolt
39	Automatic Transmission Output Speed Sensor Wiring Harness
40	Control Valve
41	Manual Shift Detent Lever Spring
42	Manual Shift Detent Spring Bolt
43	Control Valve Solenoid Body Bolt
44	Control Valve Solenoid Body Bolt
45	Automatic Transmission Fluid Filter Seal
46	Automatic Transmission Fluid Filter
47	Automatic Transmission Fluid Pan Magnet
48	Automatic Transmission Fluid Pan Gasket
49	Automatic Transmission Fluid Pan
50	Transmission Oil Level Check Plug
51	Automatic Transmission Fluid Pan Bolt
52	Automatic Transmission Wiring Harness

Clutch Assemblies and Associated Parts

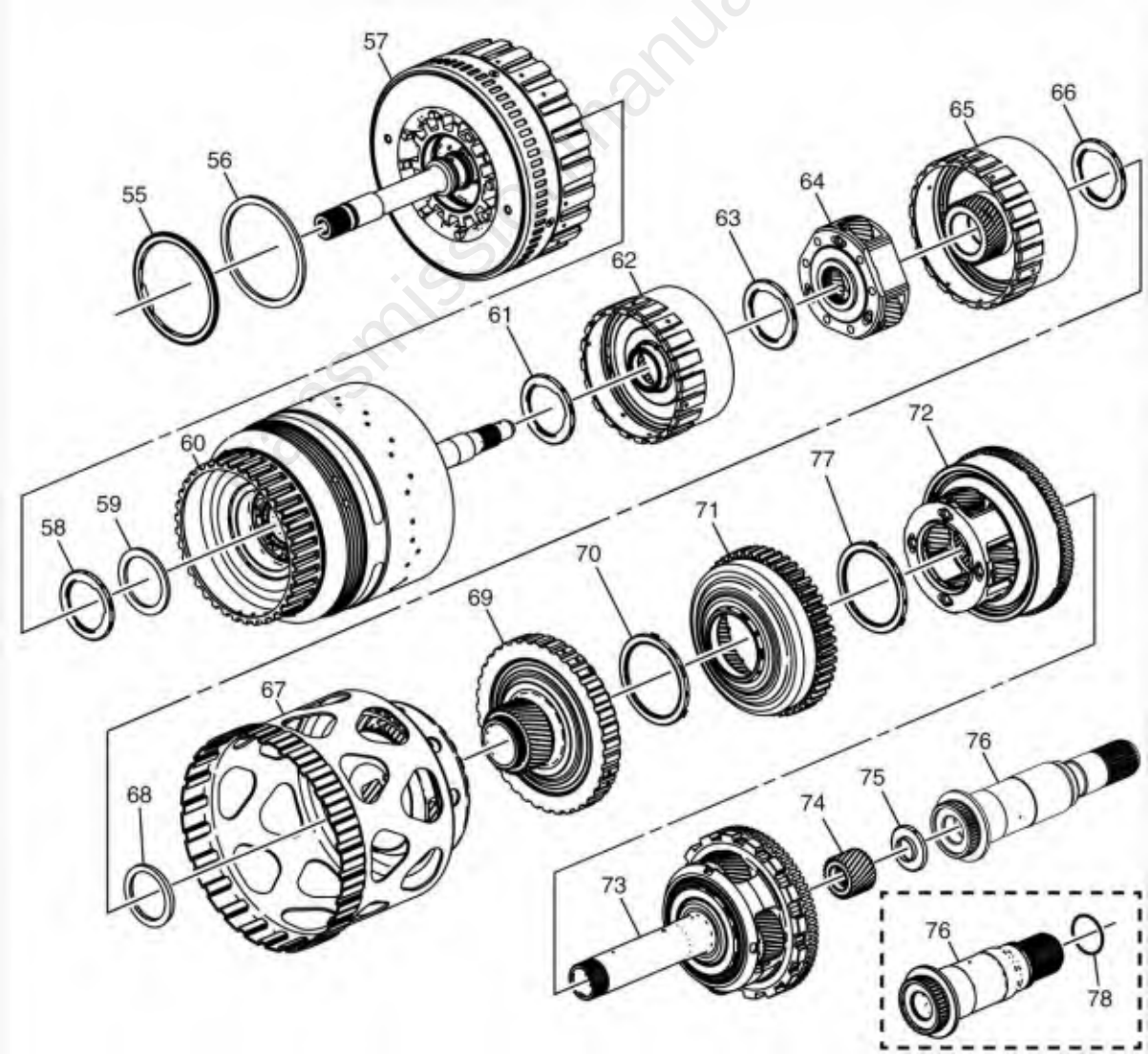


Fig. 3: Exploded View Of Clutch Assemblies And Associated Parts
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
55	1-3-5-6-7 Clutch Thrust Bearing
56	1-3-5-6-7 Clutch Thrust Bearing Washer
57	1-3-5-6-7 Clutch
58	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Thrust Bearing
59	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Thrust Bearing Washer
60	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch
61	4-5-6-7-8 Reverse Clutch and Direct/Overdrive Internal Gear Hub Thrust Bearing
62	Direct Overdrive Internal Gear Flange
63	Direct Overdrive Sun Gear Thrust Bearing
64	Direct Overdrive Carrier
65	Input Internal Gear
66	Input Sun Gear Thrust Bearing
67	Input Carrier
68	Input Sun Gear Spacer
69	Input Sun Gear
70	1-2-3-4-5-Reverse Clutch Hub Thrust Bearing
71	Reaction Internal Gear and 1-2-3-4-5-Reverse Hub
72	Reaction Carrier
73	Output Carrier
74	Output Sun Gear
75	Output Sun Gear Thrust Bearing
76	Output Shaft
77	Reaction Carrier Sun Gear Thrust Bearing
78	Output Shaft Seal

Control (with Body and Valve) Valve Assembly (1 of 2)

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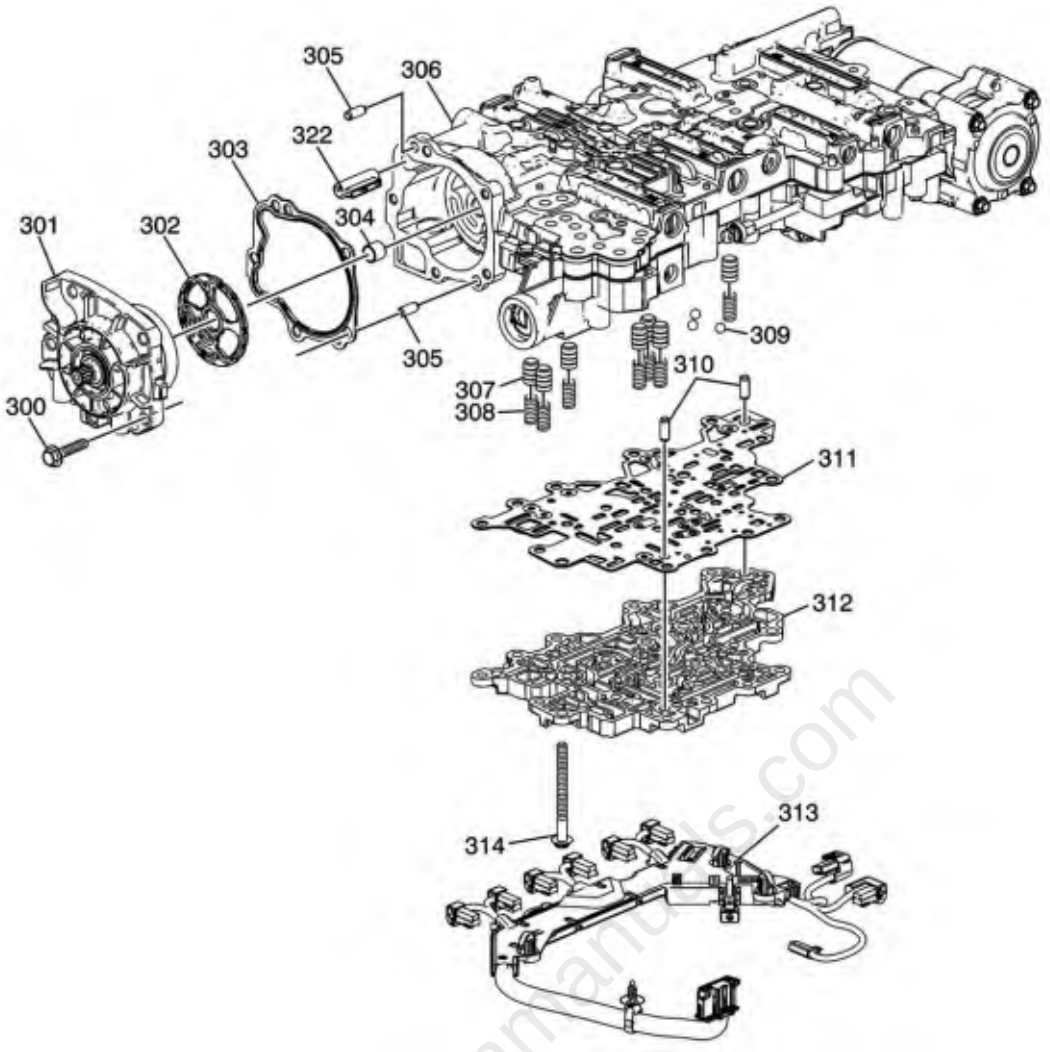


Fig. 4: Exploded View Of Control (With Body And Valve) Valve Assembly Components (1 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
300	Automatic Transmission Fluid Pump Bolt
301	Automatic Transmission Fluid Pump
302	Automatic Transmission Fluid Pump Seal
303	Automatic Transmission Fluid Pump Seal
304	Automatic Transmission Fluid Pump Drive Shaft Bushing
305	Automatic Transmission Fluid Pump Pin
306	Control Valve Body
307	Signal Accumulator Piston
308	Signal Accumulator Piston Spring
309	Cooler Flow Blowoff Ball Valve
310	Control Valve Body Locating Pin
311	Control Valve Channel Plate Spacer Plate
312	Control Valve Channel Plate
313	Automatic Transmission Control Wiring Harness
314	Control Valve Channel Plate Bolt
322	Automatic Transmission Fluid Pump Passage Sleeve

Control (with Body and Valve) Valve Assembly (2 of 2)

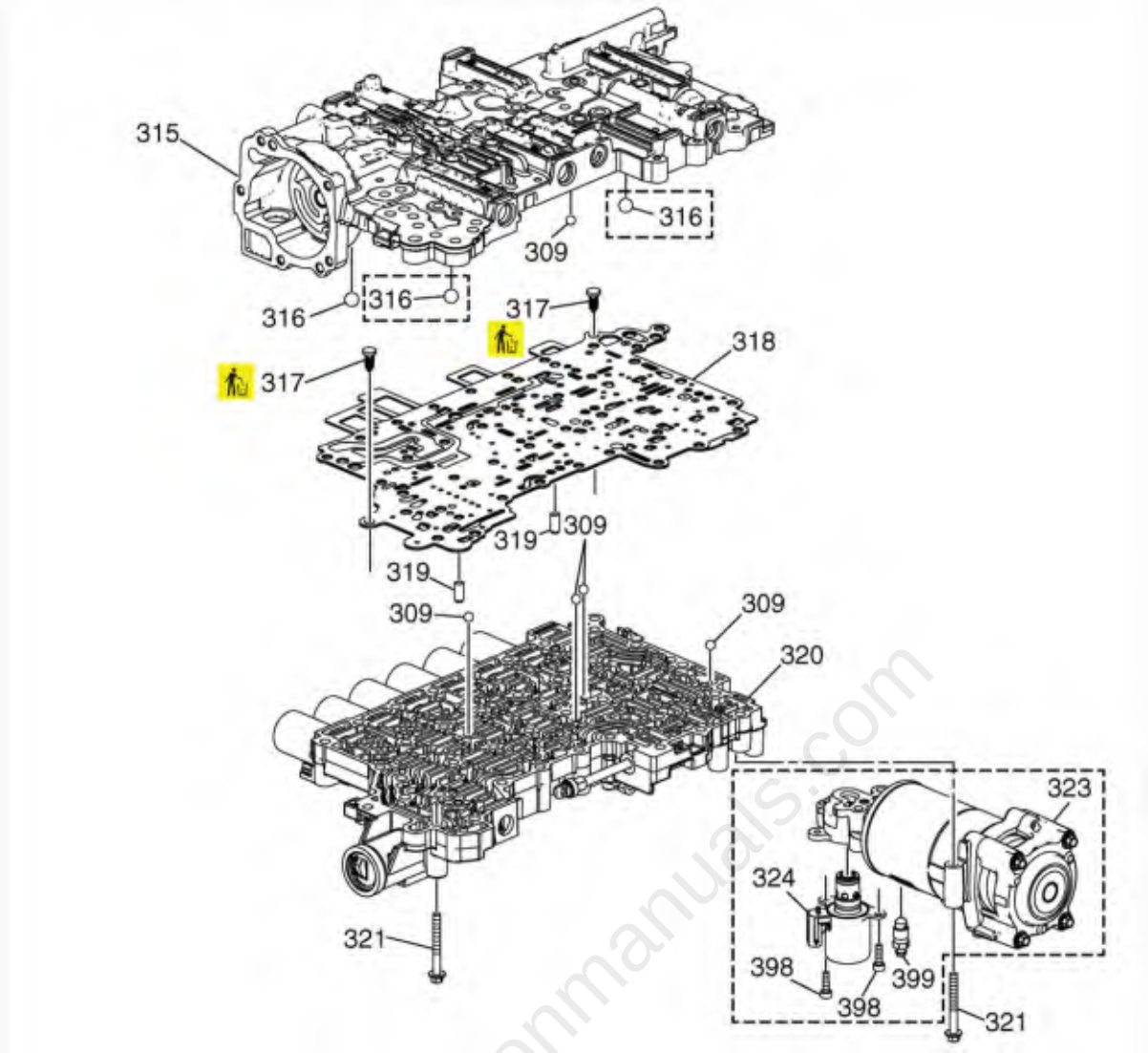


Fig. 5: Exploded View Of Control (With Body And Valve) Valve Assembly Components (2 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
309	Cooler Flow Blowoff Ball Valve
315	Control Valve Upper Body
316	Control Valve Body Ball Check Valve
317	Control Valve Body Spacer Plate Retainer
318	Control Valve Body Spacer Plate
319	Control Valve Body Locating Pin
320	Control Valve Solenoid Body
321	Control Valve Lower Body Bolt
323	Automatic Transmission Auxiliary Fluid Accumulator - Model Dependent
324	Automatic Transmission Auxiliary Fluid Accumulator Solenoid - Model Dependent
398	Automatic Transmission Auxiliary Fluid Accumulator Bolt - Model Dependent
399	Automatic Transmission Auxiliary Fluid Accumulator Bleeder Valve - Model Dependent

Control Valve Upper Body Assembly

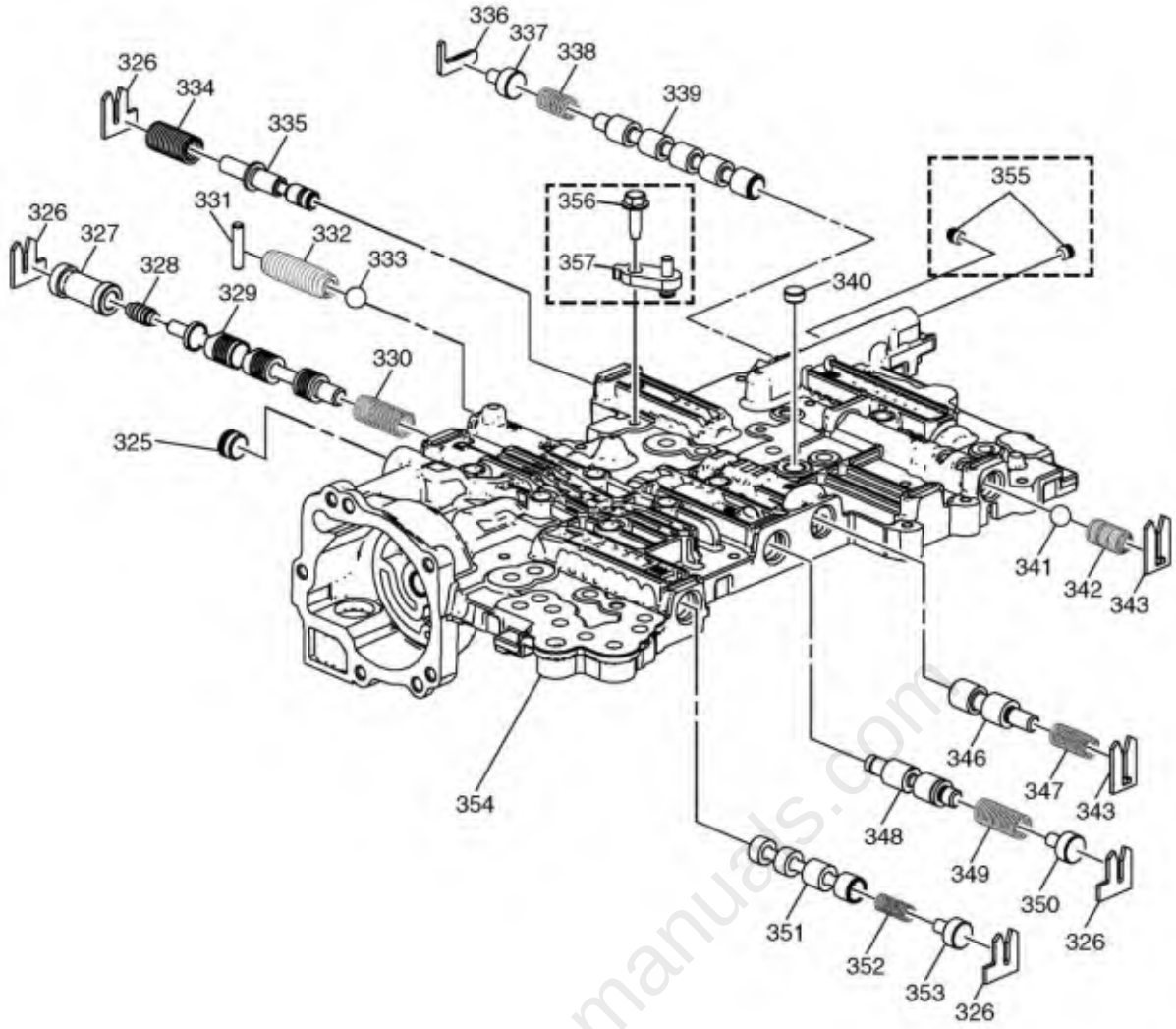


Fig. 6: Exploded View Of Control Valve Upper Body Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
325	Transmission Fluid Passage Plug
326	Valve Spring Retainer
327	Pressure Regulator Valve Bore Bushing
328	Pressure Regulator Shuttle Valve
329	Pressure Regulator Valve
330	Pressure Regulator Valve Spring
331	Pressure Regulator Valve Spring Retainer
332	Pressure Relief Ball Valve Spring
333	Pressure Relief Ball Valve
334	Feed Limit Valve Spring
335	Actuator Feed Limit Valve
336	Default Override Valve Bore Plug Retainer
337	Default Override Valve Bore Plug
338	Default Override Valve Spring
339	Default Override Valve
340	Control Valve Center Body Hole Plug
341	Clutch Piston Exhaust Blowoff Ball Valve
342	Clutch Piston Exhaust Blowoff Ball Valve Spring
343	Clutch Piston Exhaust Blowoff Ball Valve Retainer

Callout	Component Name
346	Torque Converter Clutch Valve
347	Torque Converter Clutch Valve Spring
348	Lube Regulator Valve
349	Lube Regulator Valve Spring
350	Lube Regulator Valve Bore Plug
351	Torque Converter Clutch Control Valve
352	Torque Converter Clutch Control Valve Spring
353	Torque Converter Clutch Control Valve Bore Plug
354	Control Valve Upper Body
355	Line Pressure Bore Plug - Model Dependent
356	Automatic Transmission Wiring Harness Bracket Bolt - Model Dependent
357	Control Valve Plug - Model Dependent

Control Solenoid Valve Body Assembly

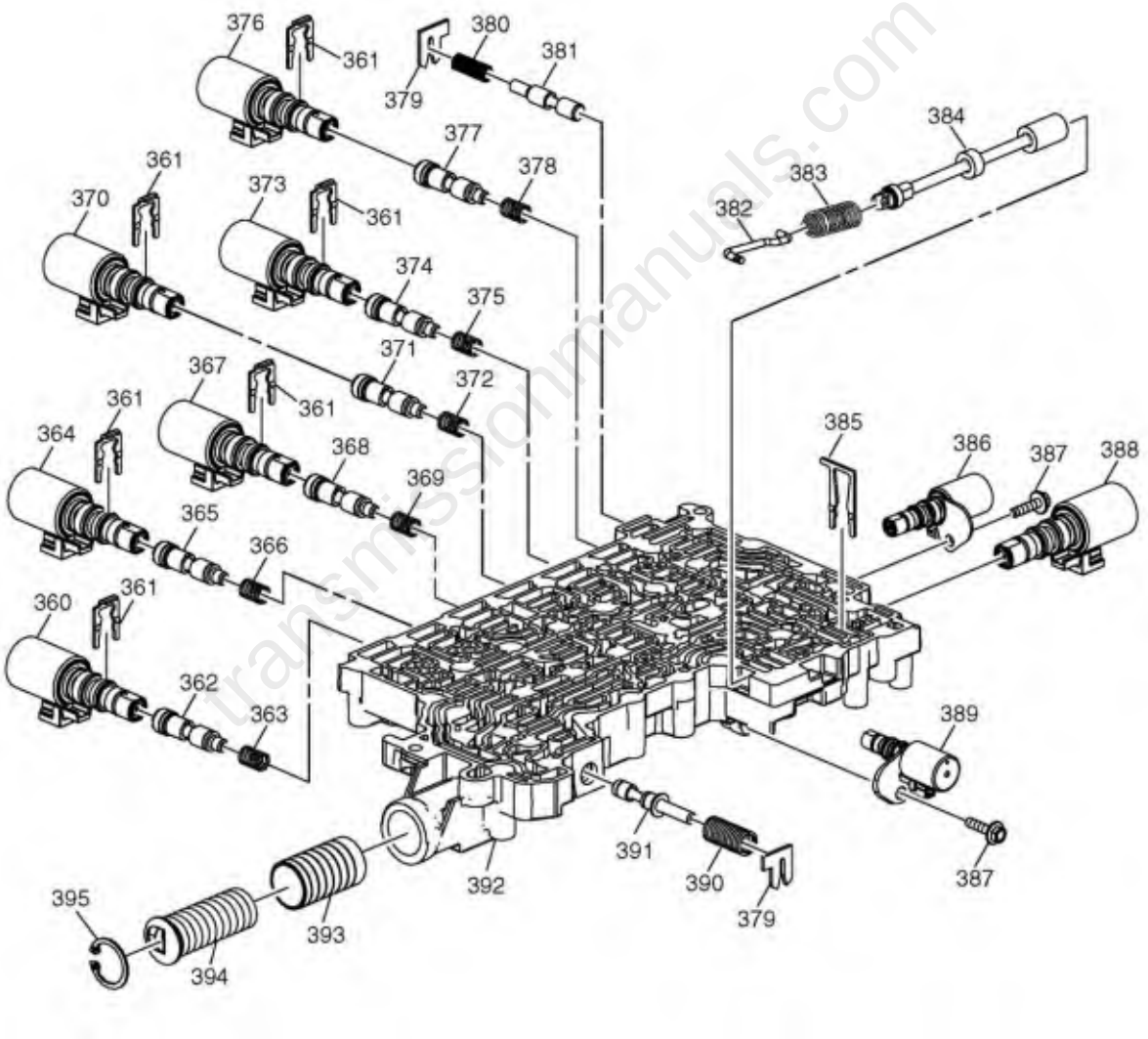


Fig. 7: Exploded View Of Control Solenoid Valve Body Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
360	Torque Converter Clutch Control Valve
361	Control Solenoid Valve Retainer
362	Torque Converter Clutch Control Valve

Callout	Component Name
363	Torque Converter Clutch Control Valve Spring
364	2-3-4-6-8 Control Solenoid Valve
365	2-3-4-6-8 Control Solenoid Valve
366	2-3-4-6-8 Control Solenoid Valve Spring
367	1-3-5-6-7-8-Reverse Control Solenoid Valve
368	1-3-5-6-7-8-Reverse Control Solenoid Valve
369	1-3-5-6-7-8-Reverse Control Solenoid Valve Spring
370	4-5-6-7-8-Reverse Control Solenoid Valve
371	4-5-6-7-8-Reverse Control Solenoid Valve
372	4-5-6-7-8-Reverse Control Solenoid Valve Spring
373	1-2-7-8-Reverse Control Solenoid Valve
374	1-2-7-8-Reverse Control Solenoid Valve
375	1-2-7-8-Reverse Control Solenoid Valve Spring
376	1-2-3-4-5-Reverse Control Solenoid Valve
377	1-2-3-4-5-Reverse Control Solenoid Valve
378	1-2-3-4-5-Reverse Control Solenoid Valve Spring
379	Valve Spring Retainer
380	Lube Regulator Valve Spring
381	Lube Regulator Valve
382	Manual Valve Link
383	Manual Valve Link Spring
384	Manual Valve
385	Control Solenoid Valve Retainer
386	Shift Solenoid Valve
387	Control Valve Solenoid Body Bolt
388	Shift Solenoid Valve
389	Shift Solenoid Valve
390	Converter Feed Limit Valve Spring
391	Converter Feed Limit Valve
392	Control Valve Solenoid Body
393	1-3-5-6-7 Clutch Accumulator Piston
394	1-3-5-6-7 Clutch Accumulator Piston Spring
395	1-3-5-6-7 Clutch Accumulator Piston Retaining Ring

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A/Trans Case Extension Assembly (Two Wheel Drive)

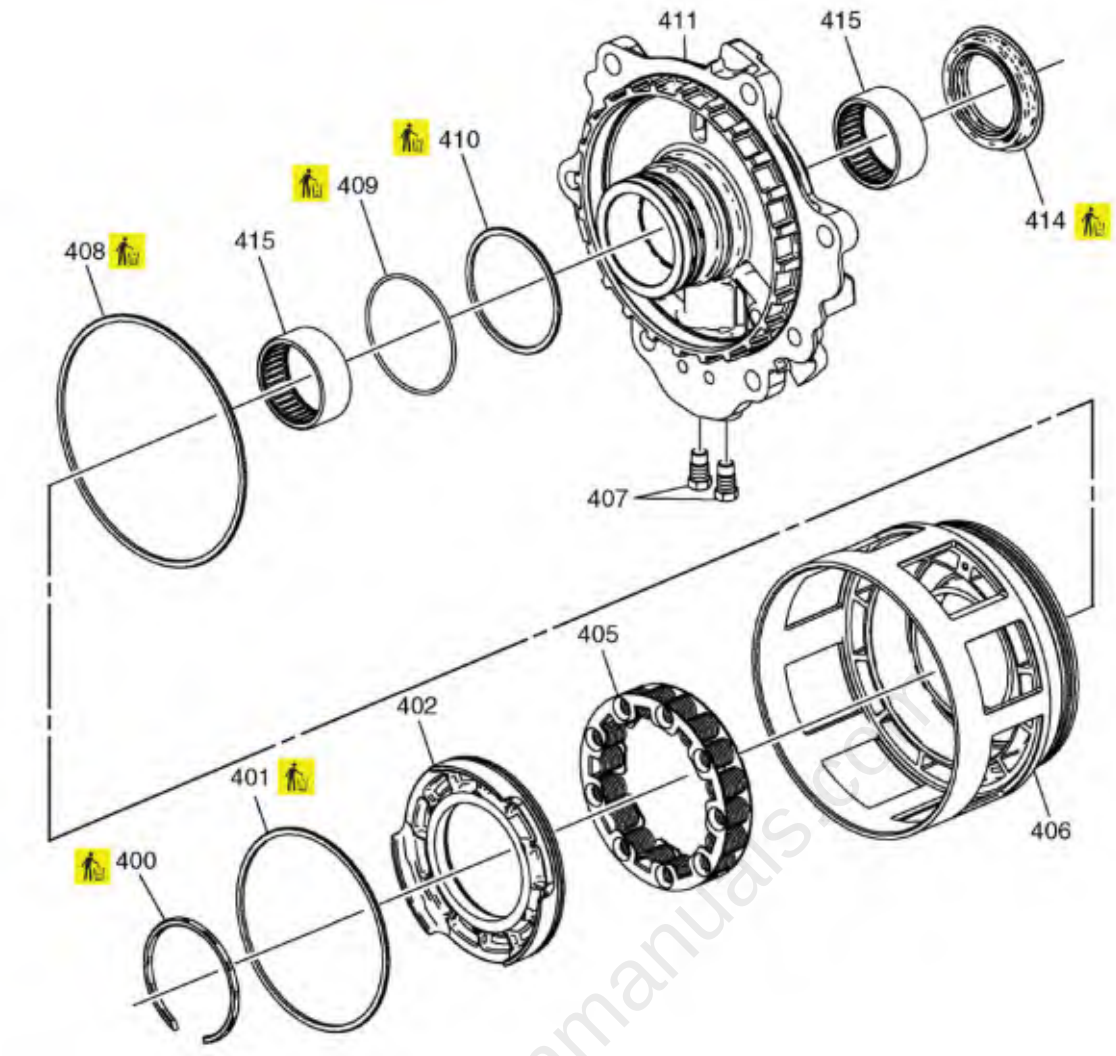


Fig. 8: Exploded View Of A/Trans Case Extension Assembly Components (Two Wheel Drive)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
400	1-2-3-4-5-Reverse Clutch Piston Dam Retaining Ring
401	1-2-3-4-5-Reverse Clutch Piston Dam Seal
402	1-2-3-4-5-Reverse Clutch Piston Dam
405	1-2-3-4-5-Reverse Clutch Piston Return Spring
406	1-2-3-4-5-Reverse Clutch Piston
407	Automatic Transmission Case Hole Plug
408	1-2-3-4-5-Reverse Clutch Piston Outer Seal
409	1-2-3-4-5-Reverse Clutch Piston O-Ring Seal
410	1-2-3-4-5-Reverse Clutch Piston Inner Seal
411	Automatic Transmission Case Extension
414	Propeller Shaft Transmission Flange Fluid Seal
415	Output Shaft Bearing

1-3-5-6-7 Clutch Housing Assembly

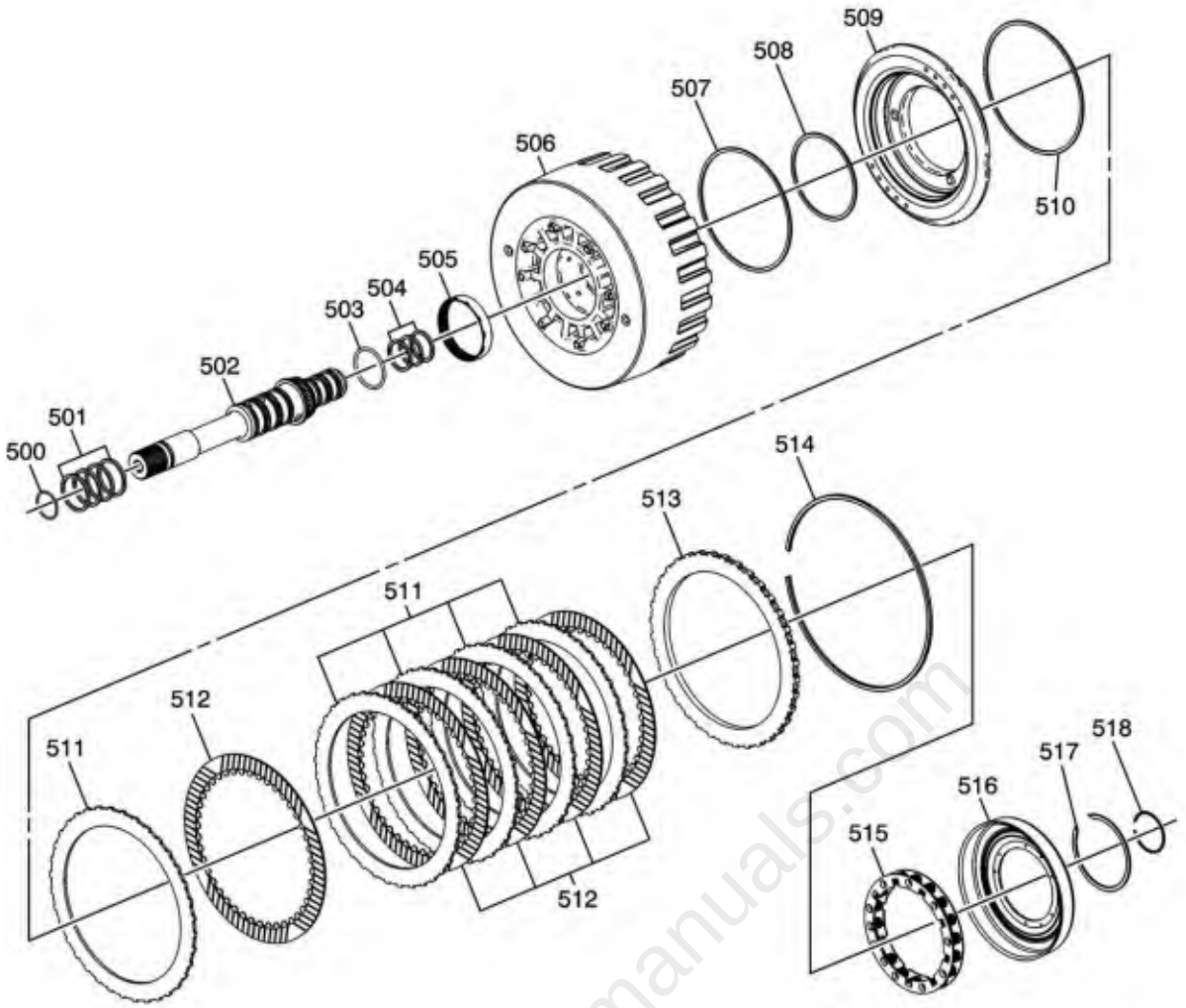


Fig. 9: Exploded View Of 1-3-5-6-7 Clutch Housing Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
500	Turbine Shaft Seal
501	Turbine Shaft Fluid Seal Ring
502	Turbine Shaft
503	Turbine Shaft Seal
504	Turbine Shaft Fluid Seal Ring
505	1-3-5-6-7 Clutch Thrust Bearing
506	1-3-5-6-7 Clutch Housing
507	1-3-5-6-7 Clutch Piston Seal - Outer
508	1-3-5-6-7 Clutch Piston Seal - Inner
509	1-3-5-6-7 Clutch Piston
510	1-3-5-6-7 Clutch Piston Dam Seal
511	1-3-5-6-7 Clutch Plate
512	1-3-5-6-7 Clutch Plate
513	1-3-5-6-7 Clutch Backing Plate
514	1-3-5-6-7 Clutch Backing Plate Retaining Ring
515	1-3-5-6-7 Clutch Piston Return Spring
516	1-3-5-6-7 Clutch Piston Dam
517	1-3-5-6-7 Clutch Piston Dam Retaining Ring
518	Turbine Shaft Retaining Ring

2-3-4-6-8 and 4-5-6-7-8 Reverse Clutch Housing Assembly

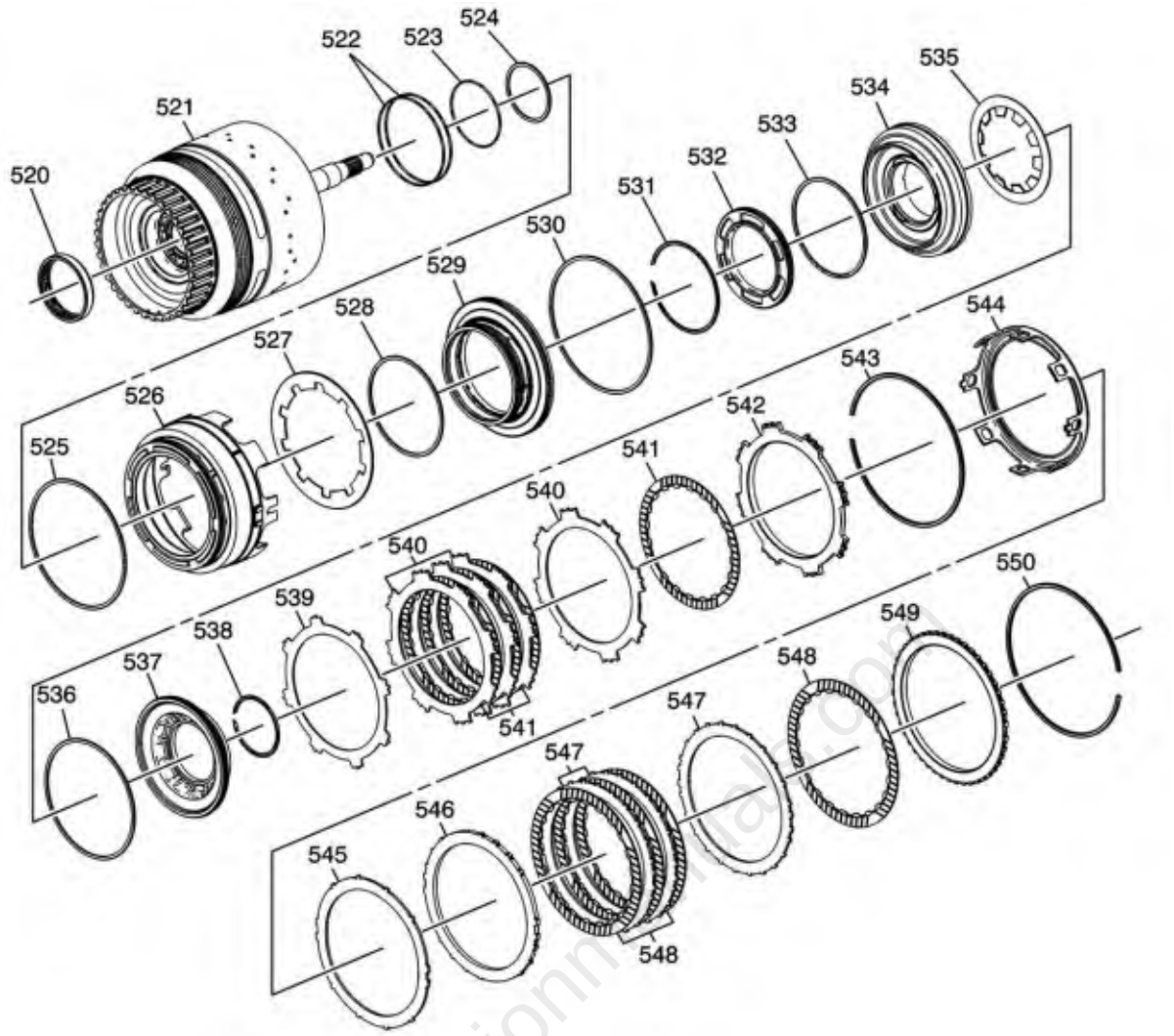


Fig. 10: Exploded View Of 2-3-4-6-8 And 4-5-6-7-8 Reverse Clutch Housing Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
520	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Housing Bearing
521	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Housing
522	2-3-4-6-8 Clutch Piston Dam Seal
523	4-5-6-7-8-Reverse Clutch Piston Stop Seal
524	4-5-6-7-8-Reverse Clutch Piston Seal
525	2-3-4-6-8 Clutch Piston Seal
526	2-3-4-6-8 Clutch Piston
527	2-3-4-6-8 Clutch Piston Return Spring
528	2-3-4-6-8 Clutch Piston Dam Seal - Inner
529	2-3-4-6-8 Clutch Piston Dam
530	2-3-4-6-8 Clutch Piston Dam Seal - Outer
531	2-3-4-6-8 Clutch Piston Dam Retaining Ring
532	4-5-6-7-8-Reverse Clutch Piston Stop
533	4-5-6-7-8-Reverse Clutch Piston Seal
534	4-5-6-7-8-Reverse Clutch Piston
535	4-5-6-7-8-Reverse Clutch Piston Return Spring
536	4-5-6-7-8-Reverse Clutch Piston Seal
537	4-5-6-7-8-Reverse Clutch Piston Dam

Callout	Component Name
538	4-5-6-7-8-Reverse Clutch Piston Dam Retaining Ring
539	4-5-6-7-8-Reverse Clutch Plate (Waved)
540	4-5-6-7-8-Reverse Clutch Plate
541	4-5-6-7-8-Reverse Clutch Plate
542	4-5-6-7-8-Reverse Clutch Backing Plate
543	4-5-6-7-8-Reverse Clutch Backing Plate Retaining Ring
544	2-3-4-6-8 Clutch Apply Ring
545	2-3-4-6-8 Clutch Plate (Waved)
546	2-3-4-6-8 Clutch Apply Plate
547	2-3-4-6-8 Clutch Plate
548	2-3-4-6-8 Clutch Plate
549	2-3-4-6-8 Clutch Backing Plate
550	2-3-4-6-8 Clutch Backing Plate Retaining Ring

Direct/Overdrive Internal Gear Assembly

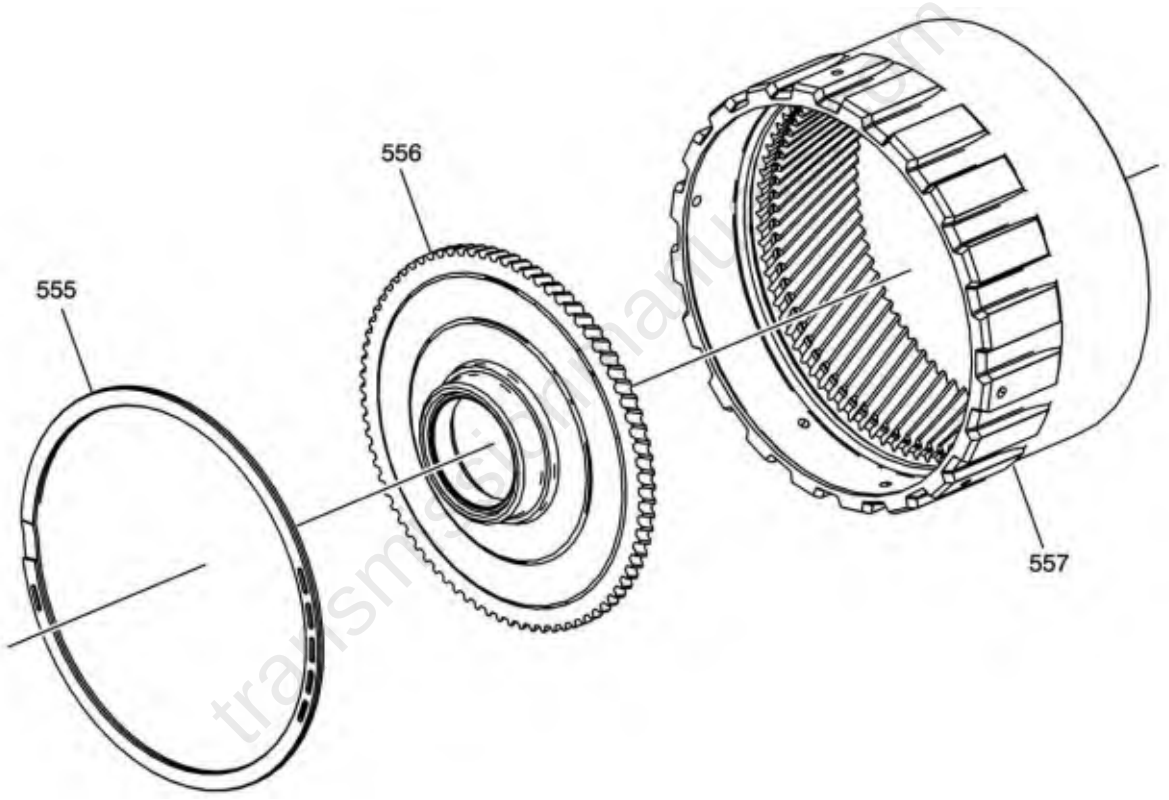


Fig. 11: Exploded View Of Direct/Overdrive Internal Gear Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
555	Direct Overdrive Internal Gear Retaining Ring
556	Direct Overdrive Internal Gear Flange
557	Direct Overdrive Internal Gear

Input Internal Gear Assembly

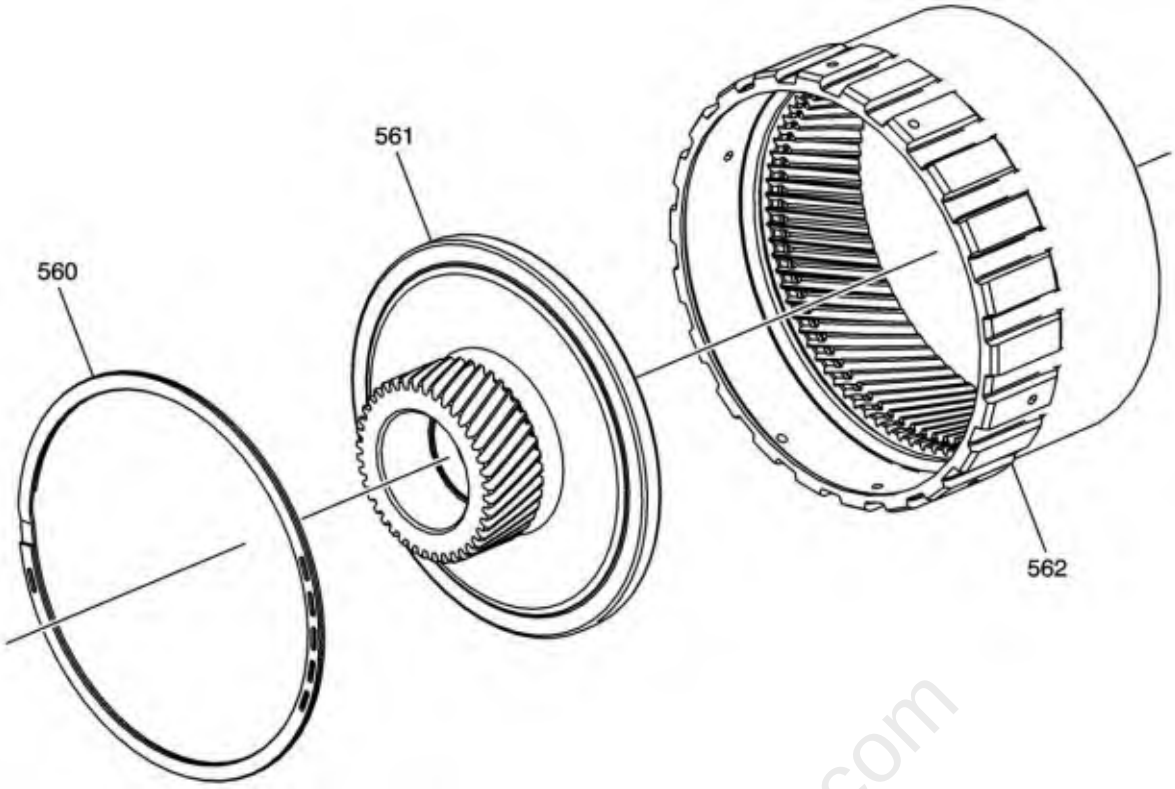


Fig. 12: Exploded View Of Input Internal Gear Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
560	Input Internal Gear Retaining Ring
561	Direct Overdrive Sun Gear
562	Input Internal Gear

Input Carrier Assembly

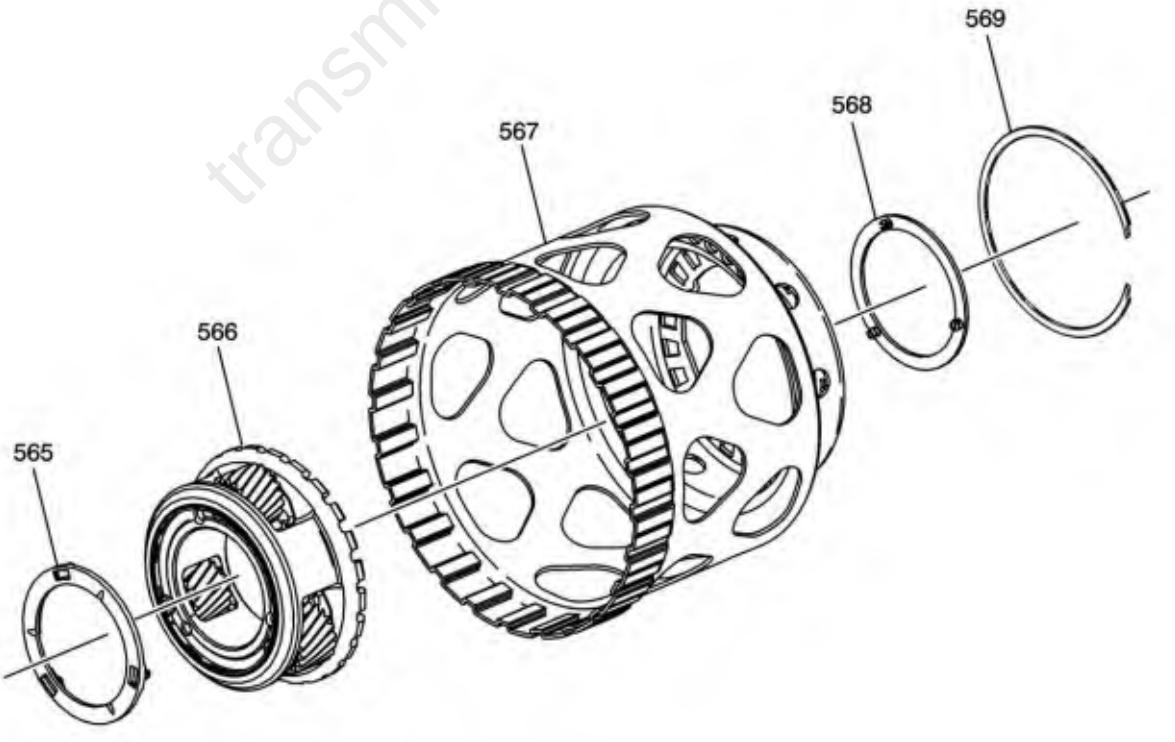


Fig. 13: Exploded View Of Input Carrier Assembly Components
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
565	Input Carrier Thrust Washer
566	Input Carrier
567	Input Carrier Shell
568	Input Carrier Thrust Washer
569	Input Carrier Shell Retaining Ring

Input Sun Gear Assembly

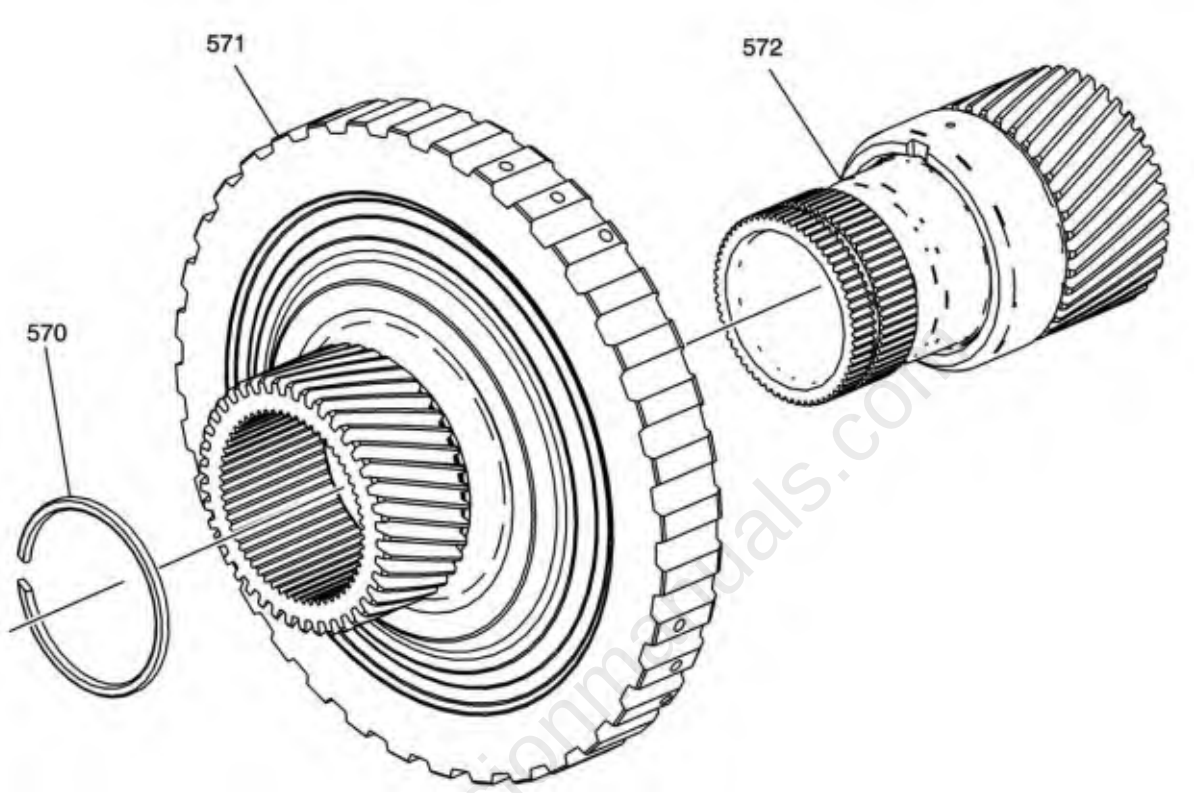


Fig. 14: Exploded View Of Input Sun Gear Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
570	Input Sun Gear Retaining Ring
571	Input Sun Gear
572	Reaction Sun Gear

Reaction Internal Gear and 1-2-3-4-5 Reverse Clutch Hub Assembly

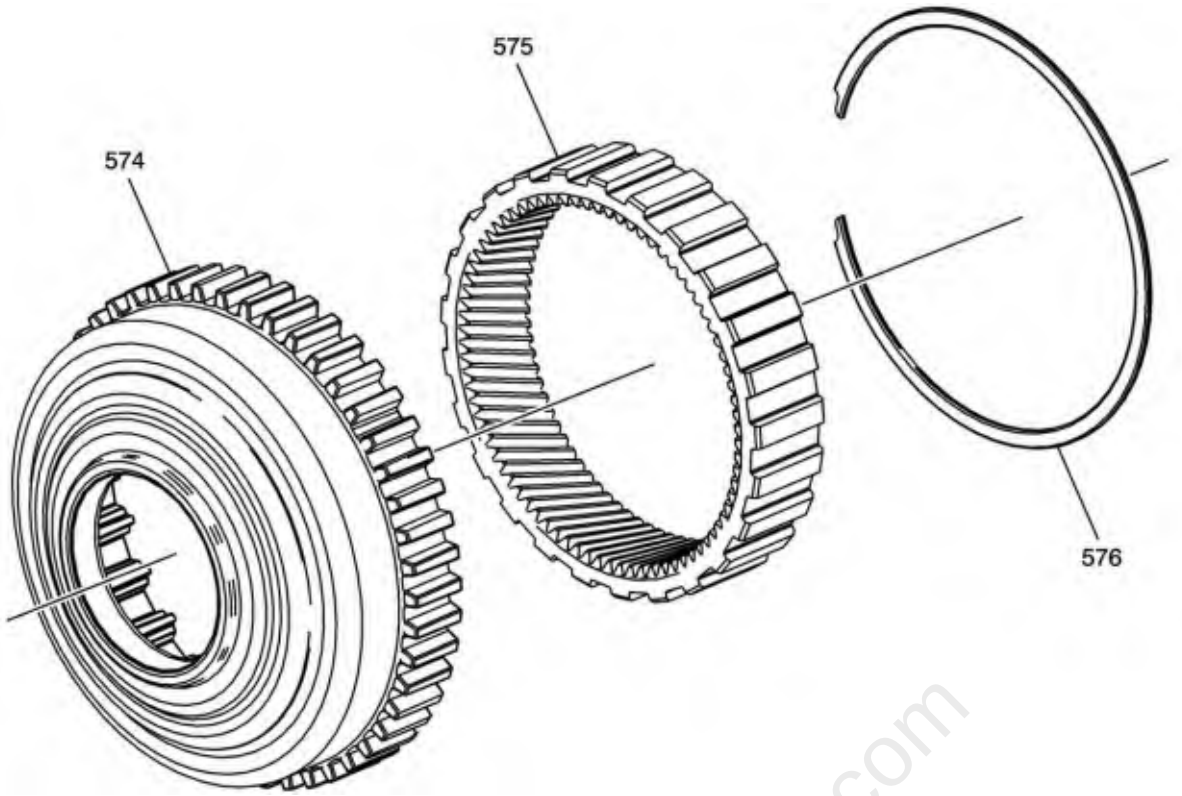
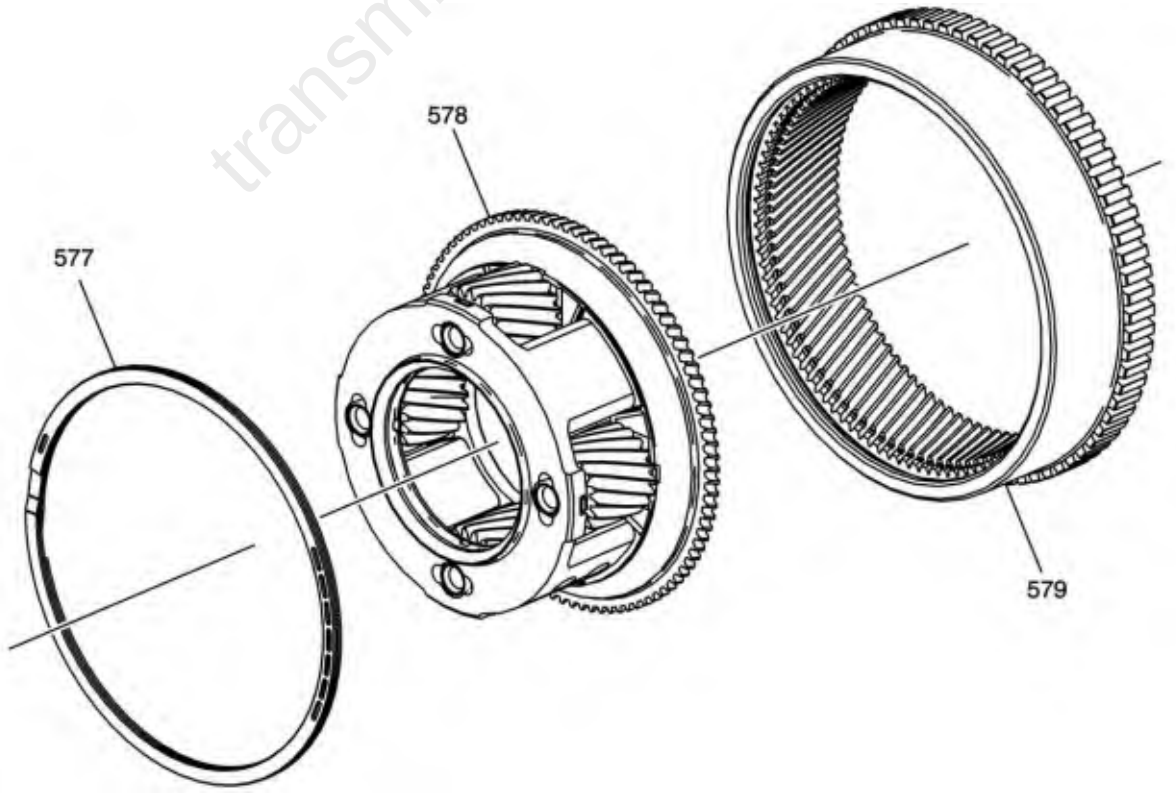


Fig. 15: Exploded View Of Reaction Internal Gear And 1-2-3-4-5 Reverse Clutch Hub Assembly Components

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
574	Reaction Internal Gear and 1-2-3-4-5-Reverse Hub
575	Reaction Internal Gear
576	Reaction Internal Gear Retaining Ring

Reaction Carrier Assembly



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Fig. 16: Exploded View Of Reaction Carrier Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
577	Output Carrier Internal Gear Retaining Ring
578	Reaction Carrier
579	Output Carrier Internal Gear

1-2-3-4-5 Reverse and 1-2-7-8 Reverse Clutch Assemblies

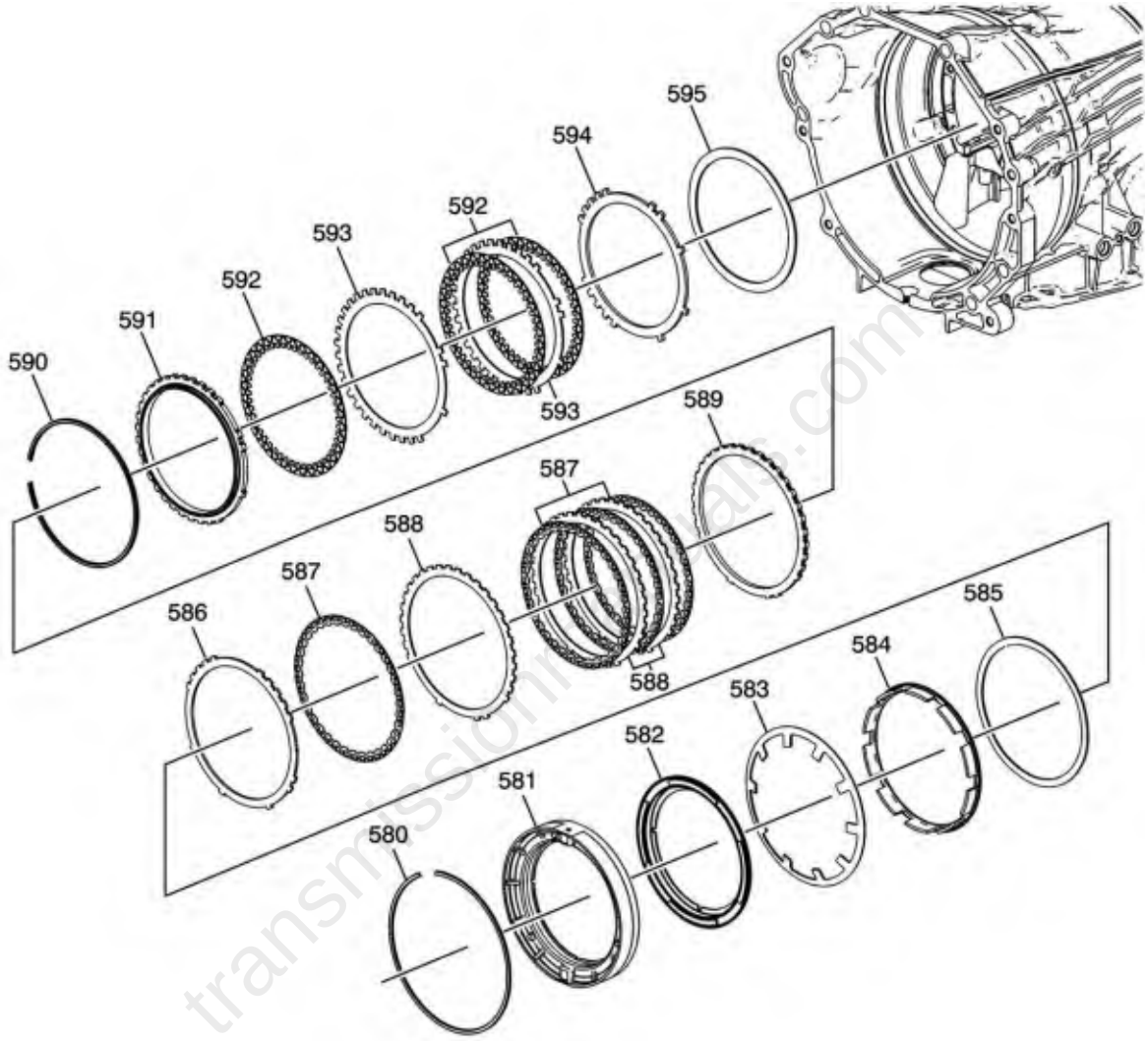


Fig. 17: Exploded View Of 1-2-3-4-5 Reverse And 1-2-7-8 Reverse Clutch Assembly Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
580	1-2-7-8-Reverse Clutch Piston Housing Retaining Ring
581	1-2-7-8-Reverse Clutch Piston Housing
582	1-2-7-8-Reverse Clutch Piston
583	1-2-7-8-Reverse Clutch Return Spring
584	1-2-7-8-Reverse Clutch Apply Ring
585	1-2-7-8-Reverse Clutch Plate (Waved)
586	1-2-7-8-Reverse Clutch Apply Plate
587	1-2-7-8-Reverse Clutch Plate
588	1-2-7-8-Reverse Clutch Plate
589	1-2-7-8-Reverse Clutch Backing Plate
590	1-2-3-4-5-Reverse Clutch Backing Plate Retaining Ring

Callout	Component Name
591	1-2-3-4-5-Reverse Clutch Backing Plate
592	1-2-3-4-5-Reverse Clutch Plate
593	1-2-3-4-5-Reverse Clutch Plate
594	1-2-3-4-5-Reverse Clutch Apply Plate
595	1-2-3-4-5-Reverse Clutch Plate (Waved)

Park System Components

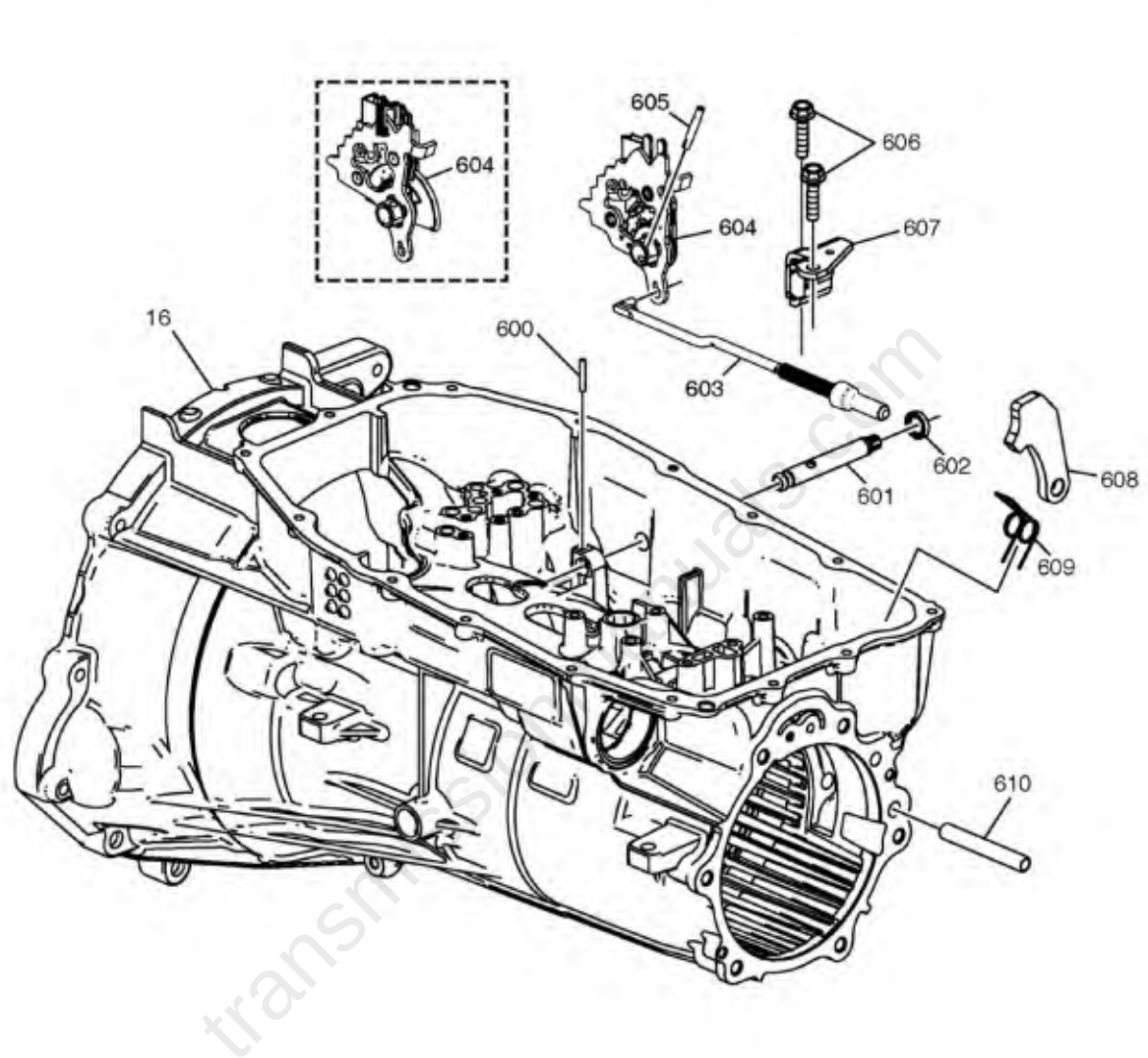


Fig. 18: Exploded View Of Park System Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
16	Automatic Transmission Case
600	Manual Shift Shaft Pin
601	Manual Shift Shaft
602	Manual Shift Shaft Seal
603	Park Pawl Actuator
604	Manual Shift Shaft Position Switch Assembly
605	Manual Shift Detent Lever Hub Pin
606	Park Pawl Actuator Bracket Bolt
607	Park Pawl Actuator Bracket
608	Park Pawl
609	Park Pawl Spring

Callout	Component Name
610	Park Pawl Shaft

COMPONENT LOCATION

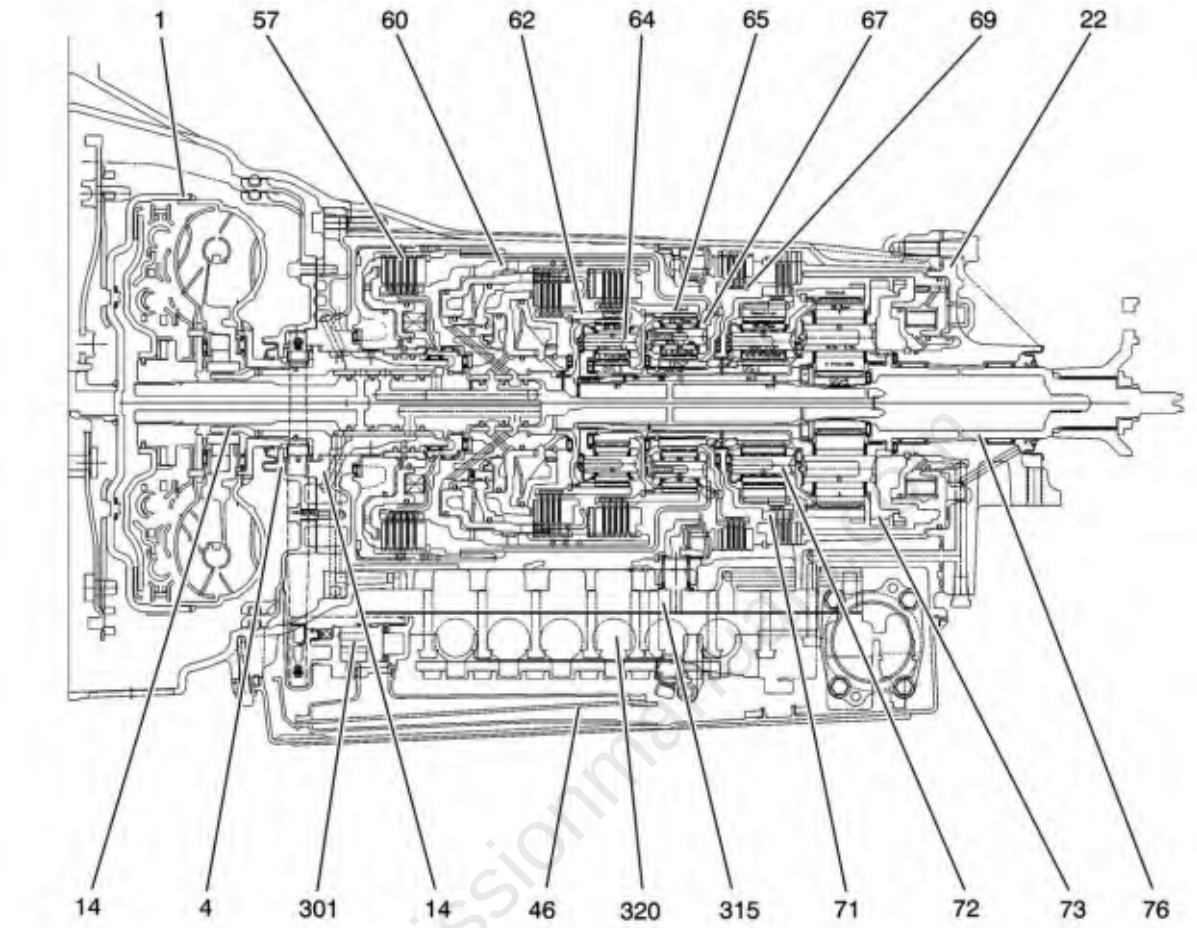


Fig. 19: Identifying Automatic Transmission Component Locations
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Torque Converter
4	Automatic Transmission Case Front Cover
14	Stator Shaft Support
22	Automatic Transmission Case Extension
46	Automatic Transmission Fluid Filter
57	1-3-5-6-7 Clutch
60	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch
62	Direct Overdrive Internal Gear
64	Direct Overdrive Carrier
65	Input Internal Gear
67	Input Carrier
69	Input Sun Gear
71	Reaction Internal Gear and 1-2-3-4-5-Reverse Hub
72	Reaction Carrier
73	Output Carrier

Callout	Component Name
76	Output Shaft Seal
301	Automatic Transmission Fluid Pump
315	Control Valve Upper Body
320	Control Valve Solenoid Body

BUSHING, BEARING, AND WASHER LOCATIONS

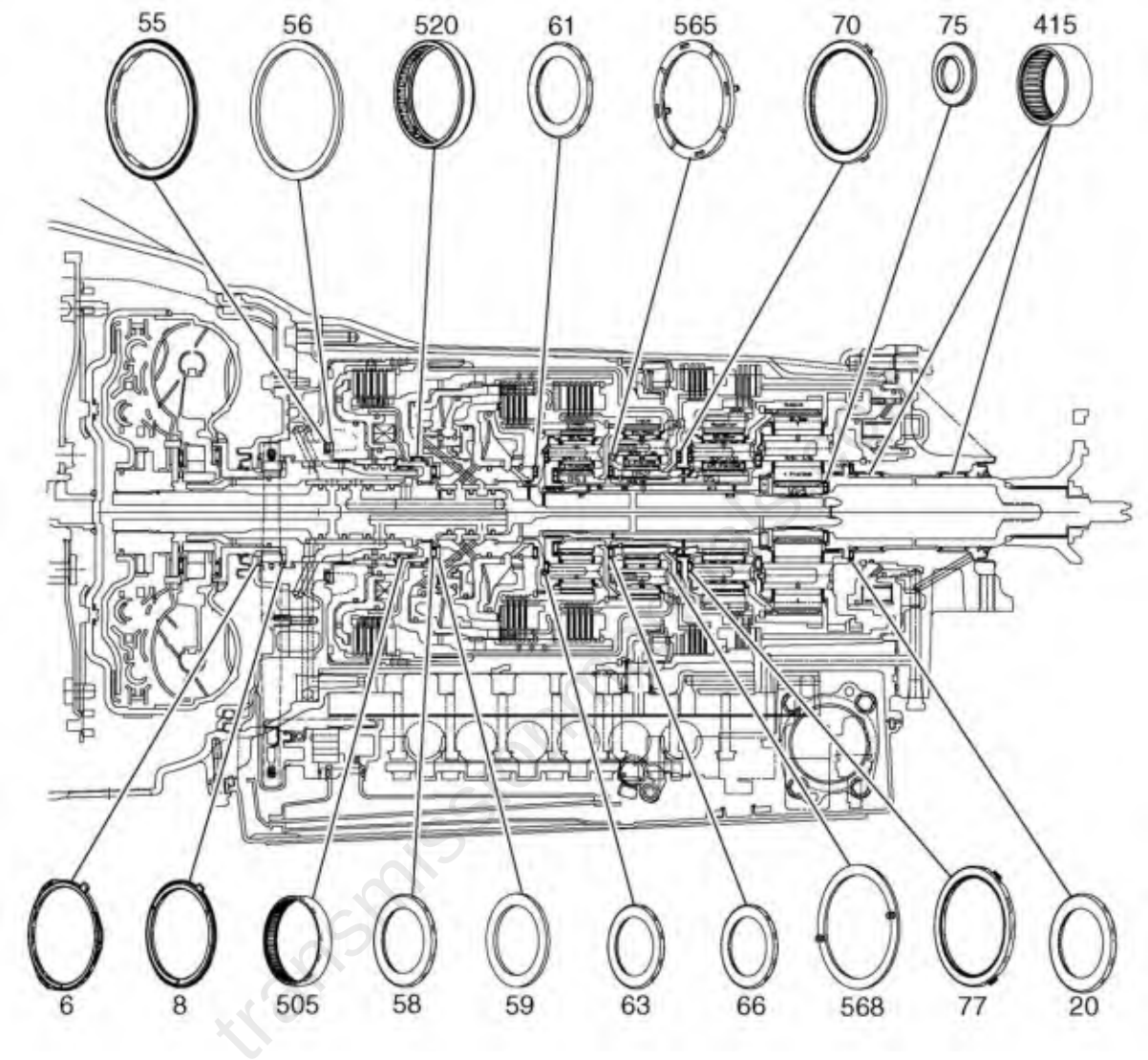


Fig. 20: Identifying Bushing, Bearing And Washer Locations
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
6	Drive Sprocket Thrust Washer - Front
8	Drive Sprocket Thrust Washer - Rear
20	Output Carrier Thrust Bearing
55	1-3-5-6-7 Clutch Thrust Bearing
56	1-3-5-6-7 Clutch Thrust Bearing Washer
58	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Thrust Bearing
59	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Thrust Bearing Washer
61	4-5-6-7-8 Reverse Clutch and Direct Overdrive Internal Gear Hub Thrust Bearing
63	Direct/Overdrive Carrier Thrust Bearing (8L45 Only)
66	Input Sun Gear Thrust Bearing
70	1-2-3-4-5-Reverse Clutch Hub Thrust Bearing

Callout	Component Name
75	Output Sun Gear Thrust Bearing
77	Output Shaft Seal
415	Output Shaft Bearing
505	1-3-5-6-7 Clutch Bearing
520	2-3-4-6-8 and 4-5-6-7-8-Reverse Clutch Housing Bearing
565	Input Carrier Thrust Washer
568	Input Carrier Thrust Washer

SEAL LOCATIONS

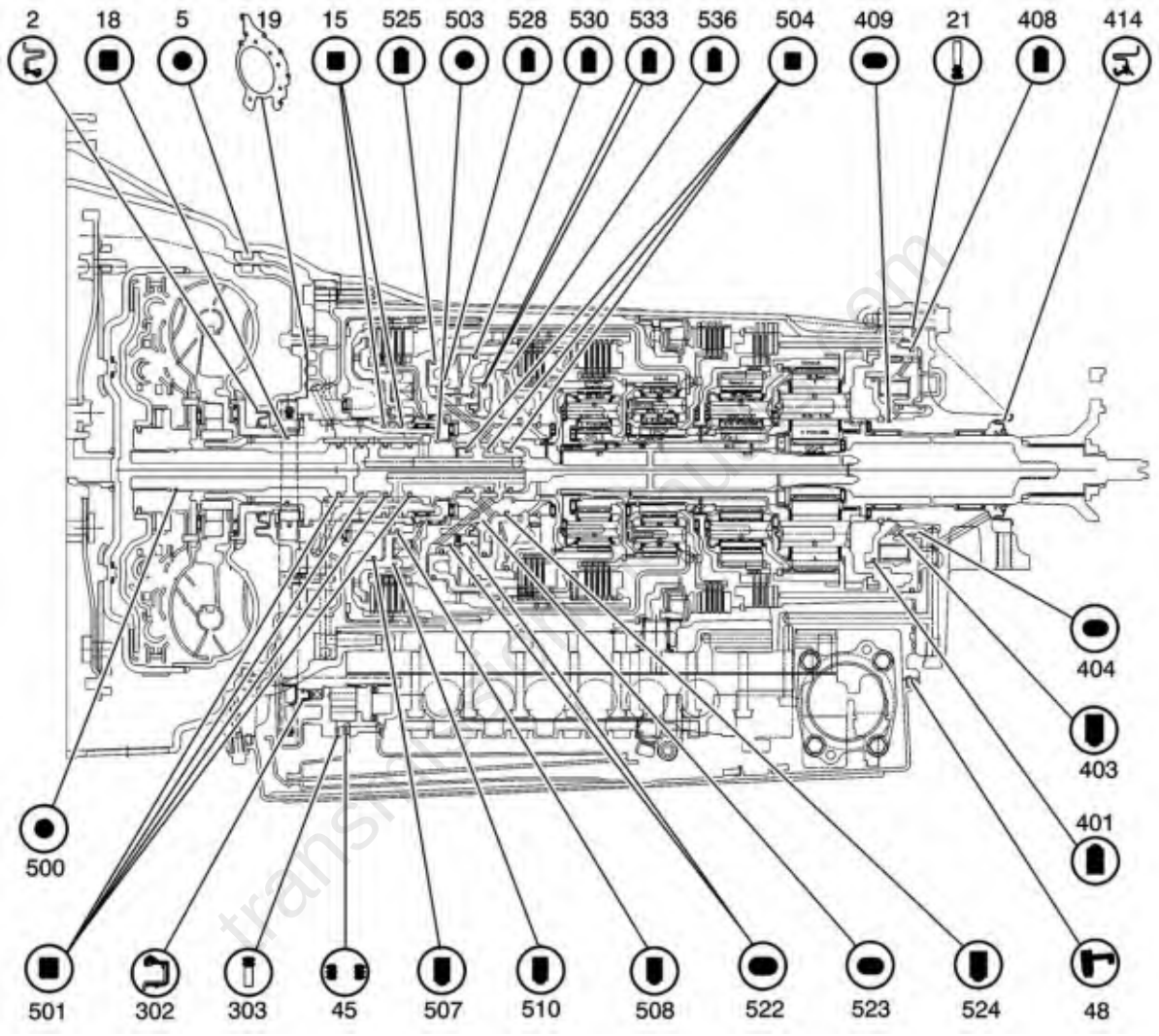


Fig. 21: Identifying Seal Locations
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2	Torque Converter Fluid Seal
5	Automatic Transmission Case Front Cover Seal
15	1-3-5-6-7 Clutch Fluid Seal Ring
18	Torque Converter Fluid Seal
19	Automatic Transmission Front Support Cover Gasket
21	Automatic Transmission Case Extension Seal
45	Automatic Transmission Fluid Filter Seal
48	Automatic Transmission Fluid Pan Gasket
302	Automatic Transmission Fluid Pump Seal

Callout	Component Name
303	Automatic Transmission Fluid Pump Gasket
401	1-2-3-4-5-Reverse Clutch Piston Dam Seal
403	1-2-3-4-5-Reverse Clutch Piston Inner Seal
404	1-2-3-4-5-Reverse Clutch Piston O-Ring Seal
408	1-2-3-4-5-Reverse Clutch Piston Outer Seal
409	1-2-3-4-5-Reverse Clutch Piston Dam Inner Seal
414	Propeller Shaft Transmission Flange Fluid Seal - Outer
500	Turbine Shaft Seal
501	Turbine Shaft Fluid Seal Ring
503	Turbine Shaft Seal
504	Turbine Shaft Fluid Seal Ring
507	1-3-5-6-7 Clutch Piston Seal - Outer
508	1-3-5-6-7 Clutch Piston Seal - Inner
510	1-3-5-6-7 Clutch Piston Dam Seal
522	2-3-4-6-8 Clutch Piston Dam Seal
523	4-5-6-7-8-Reverse Clutch Piston Stop Seal
524	4-5-6-7-8-Reverse Clutch Piston Seal
525	2-3-4-6-8 Clutch Piston Seal
528	2-3-4-6-8 Clutch Piston Dam Seal - Inner
530	2-3-4-6-8 Clutch Piston Dam Seal - Outer
533	4-5-6-7-8-Reverse Clutch Piston Seal
536	4-5-6-7-8-Reverse Clutch Piston Seal

BALL CHECK VALVE LOCATIONS

Ball Check Valve Locations

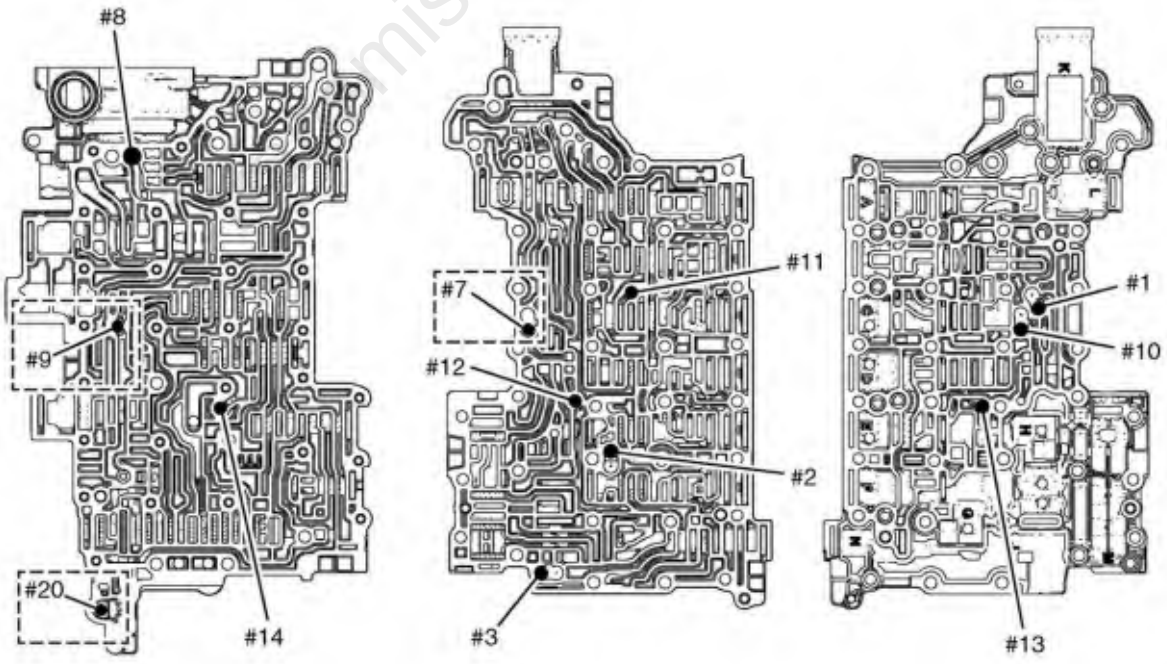


Fig. 22: Identifying Ball Check Valve Locations
Courtesy of GENERAL MOTORS COMPANY

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Ball Check Valve Locations

I.D.	Input Oil	Input Oil	Output Oil
#1	C23468	Reverse	C23468/Reverse
#2	C45678R Drive Feed	Reverse	C45678 Feed
#3	Default Latch	S9 On/Off Signal	Default Latch/S9 On/Off Signal
#7 - Model Dependent (Non-Functional)	Regulated Lube	Lube Override	Regulated Lube/Lube Override
#8	Line	-	Secondary Line
#9 - Model Dependent	Line	-	Line
#10	C23468	C45678R	C45678R/C23468
#11	C13567/C23468 Feed	-	C13567/C23468 Feed
#12	Actuator Feed	-	C45678R Feedback
#13	C45678R Feed	-	C45678R Feed
#14	C1278R Feedback	-	Actuator Feed
#20 - Model Dependent	Line	-	Line

NOTE:

Ball check valves #9 and #20 are required for vehicles equipped with Start/Stop.

Turbine Shaft Ball Check Valve Locations



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Fig. 23: Identifying Turbine Shaft Ball Check Valve Locations
Courtesy of GENERAL MOTORS COMPANY

Turbine Shaft Ball Check Valve Locations

I.D.	Input Oil	Input Oil	Output Oil
1	C23468 Clutch	-	C23468 Clutch
2	C45678R Clutch	-	C45678R Clutch

TRANSMISSION SOLENOID INFORMATION

Transmission Control Solenoids

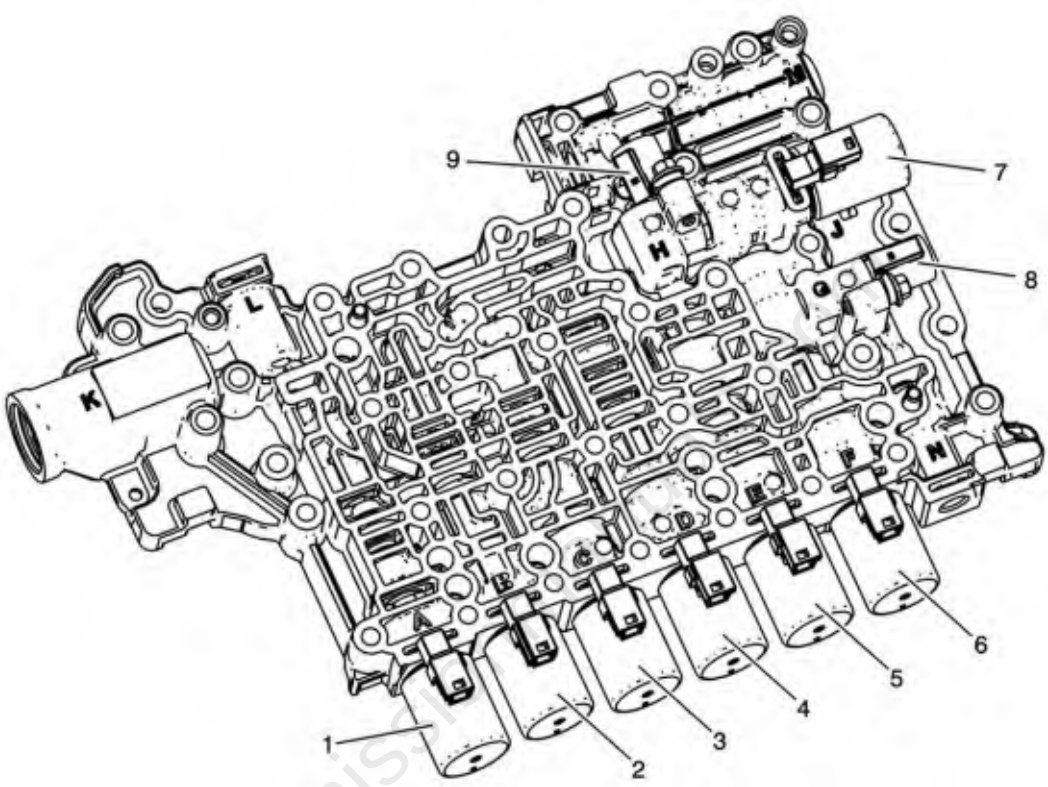


Fig. 24: Identifying Transmission Control Solenoids
Courtesy of GENERAL MOTORS COMPANY

NOTE: **The letter B is not cast on the lower control valve solenoid body. It is shown on the above graphic for illustration only.**

Transmission Control Solenoids

Callout Number	Actuator High Control Circuit Group	Solenoid Name	Solenoid Type	Controlled Element	Lower Control Valve Body Bore Location	Resistance Value at 20B°C (68B°F)
1	2	Transmission Control Solenoid Valve 7	High Pressure, Normally Low, Variable Force	Torque Converter Clutch (TCC)	A	4.5 - 5.5Ω
2	1	Transmission Control Solenoid Valve 4	High Pressure, Normally High,	2-3-4-6-8 Clutch	B	4.5 - 5.5Ω

Callout Number	Actuator High Control Circuit Group	Solenoid Name	Solenoid Type	Controlled Element	Lower Control Valve Body Bore Location	Resistance Value at 20B°C (68B°F)
			Variable Force			
3	2	Transmission Control Solenoid Valve 3	High Pressure, Normally Low, Variable Force	1-3-5-6-7 Clutch	C	4.5 - 5.5Ω
4	1	Transmission Control Solenoid Valve 5	Low Pressure, Normally High, Variable Force	4-5-6-7-8-Reverse Clutch	D	4.5 - 5.5Ω
5	2	Transmission Control Solenoid Valve 1	Low Pressure, Normally High, Variable Force	1-2-7-8-Reverse Clutch	E	4.5 - 5.5Ω
6	2	Transmission Control Solenoid Valve 2	High Pressure, Normally Low, Variable Force	1-2-3-4-5-Reverse Clutch	F	4.5 - 5.5Ω
7	2	Transmission Control Solenoid Valve 6	Low Pressure, Normally High, Variable Force	Line Pressure	J	4.5 - 5.5Ω
8	2	Transmission Control Solenoid Valve 9	Normally Closed, ON - OFF	Boost Valve	G	11.0 - 13.0Ω
9	1	Transmission Control Solenoid Valve 8	Normally Closed, ON - OFF	Default Valve	H	11.0 - 13.0Ω

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Transmission Fluid Pressure Accumulator Solenoid Valve - If Equipped

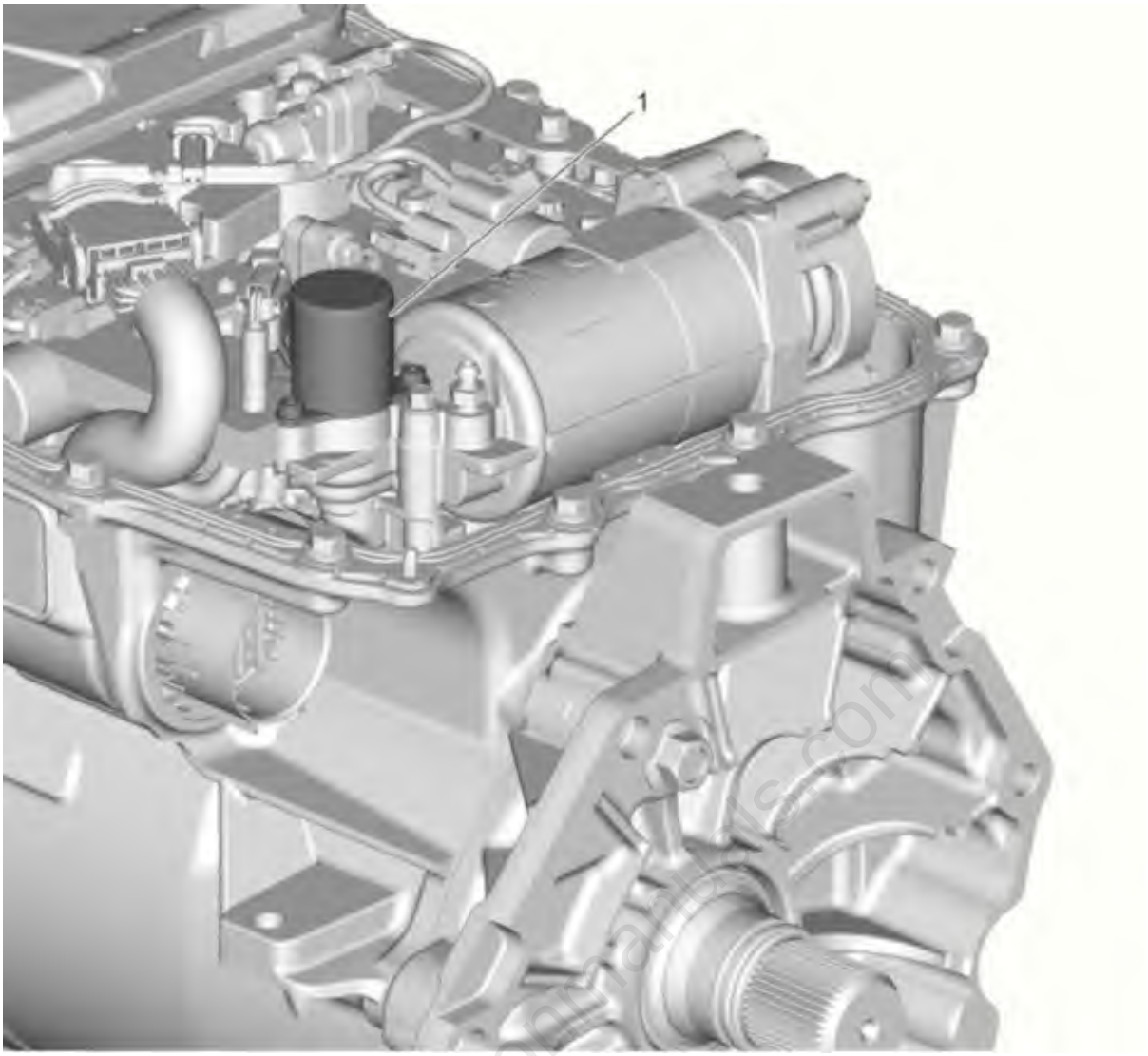


Fig. 25: Identifying Transmission Fluid Pressure Accumulator Solenoid Valve - If Equipped
Courtesy of GENERAL MOTORS COMPANY

Transmission Fluid Pressure Accumulator Solenoid Valve - If Equipped

Callout Number	Solenoid Name	Solenoid Type	Controlled Elements	Location	Resistance Value @ 20B°C (68B°F)
1	Transmission Fluid Pressure Accumulator Solenoid Valve	Normally Closed, ON-OFF	Sends captured pressurized fluid to apply clutches for 1st gear operation	Bolted to the Transmission Fluid Pressure Accumulator Housing	17 - 19 Ω