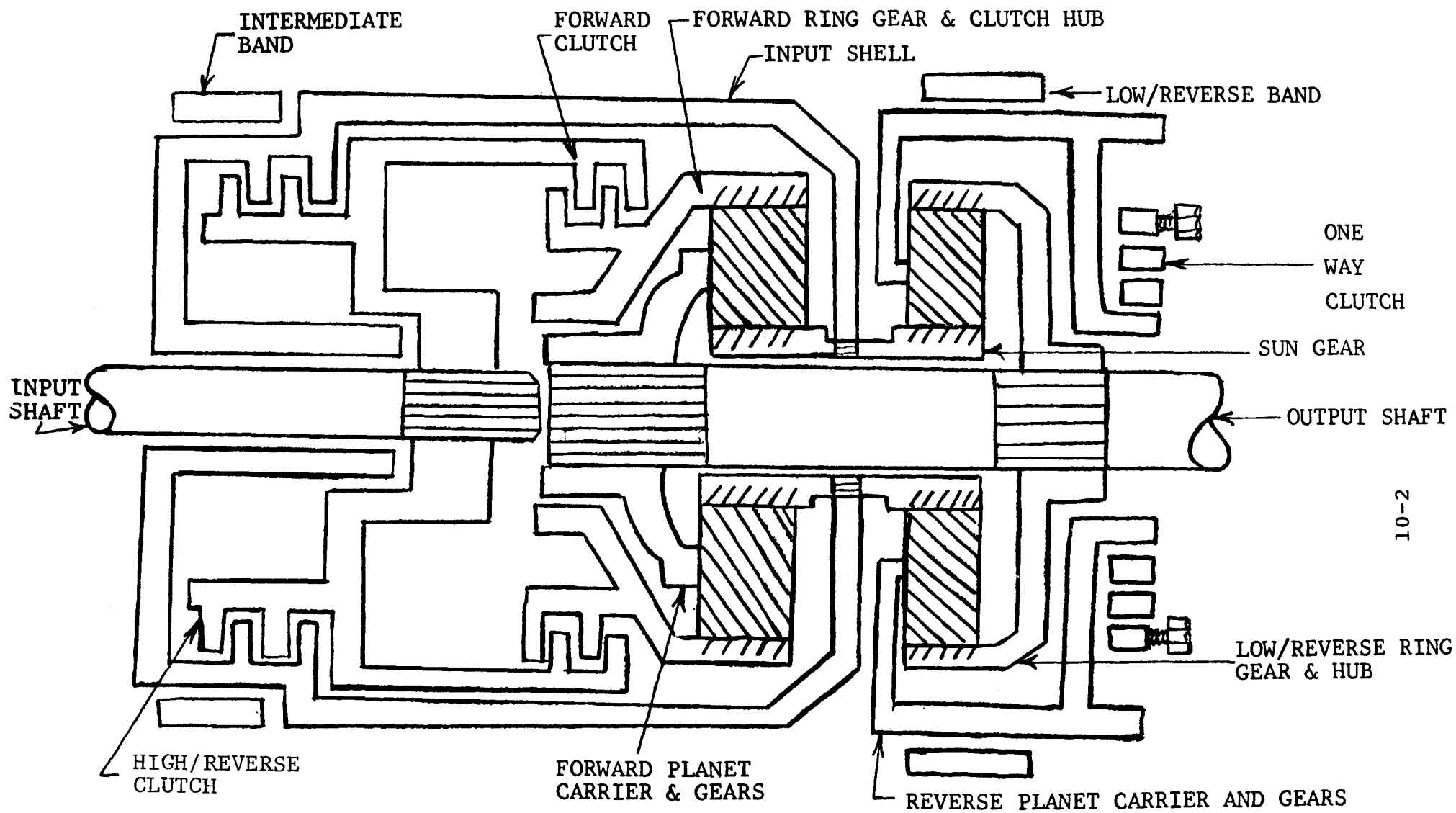


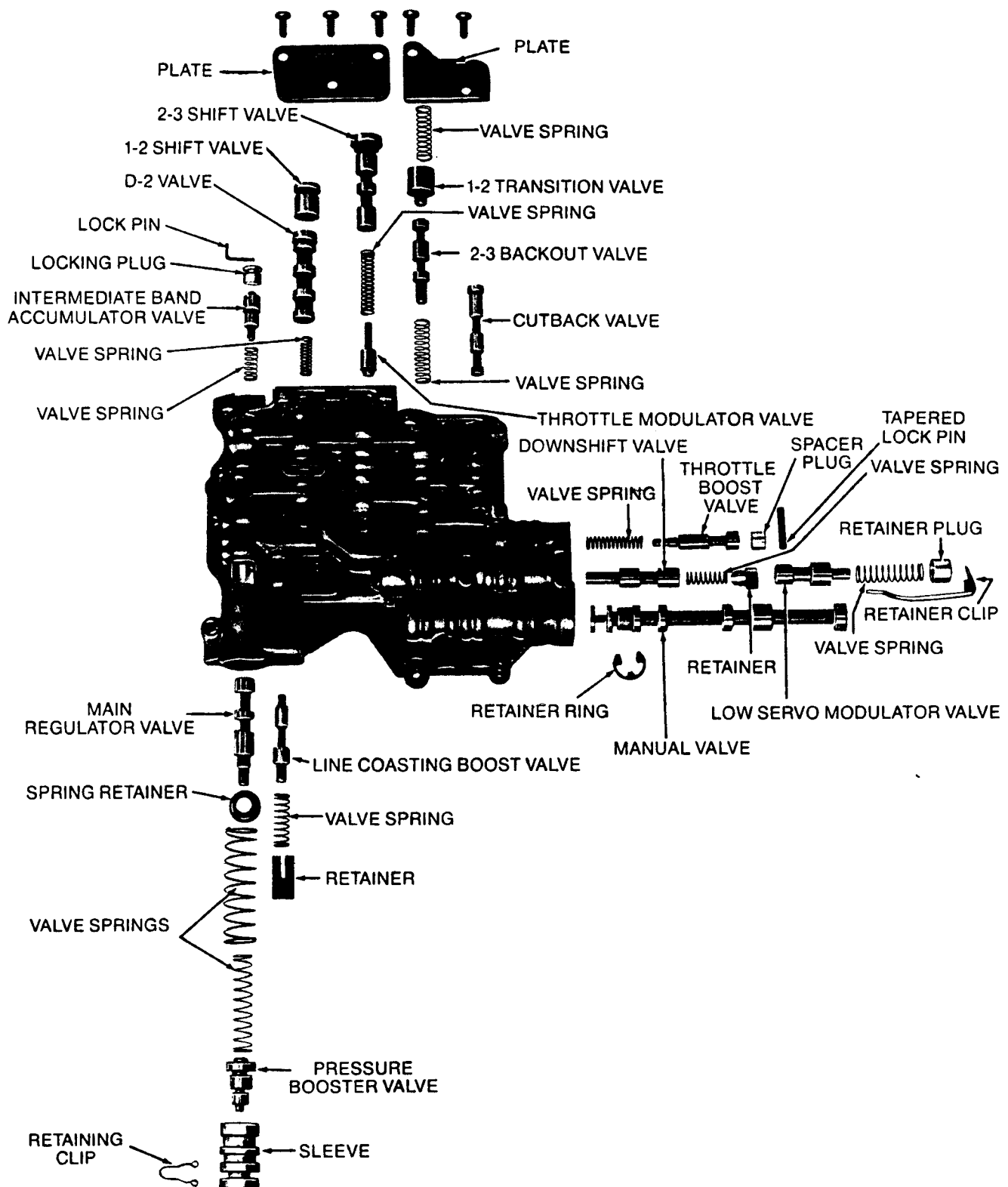
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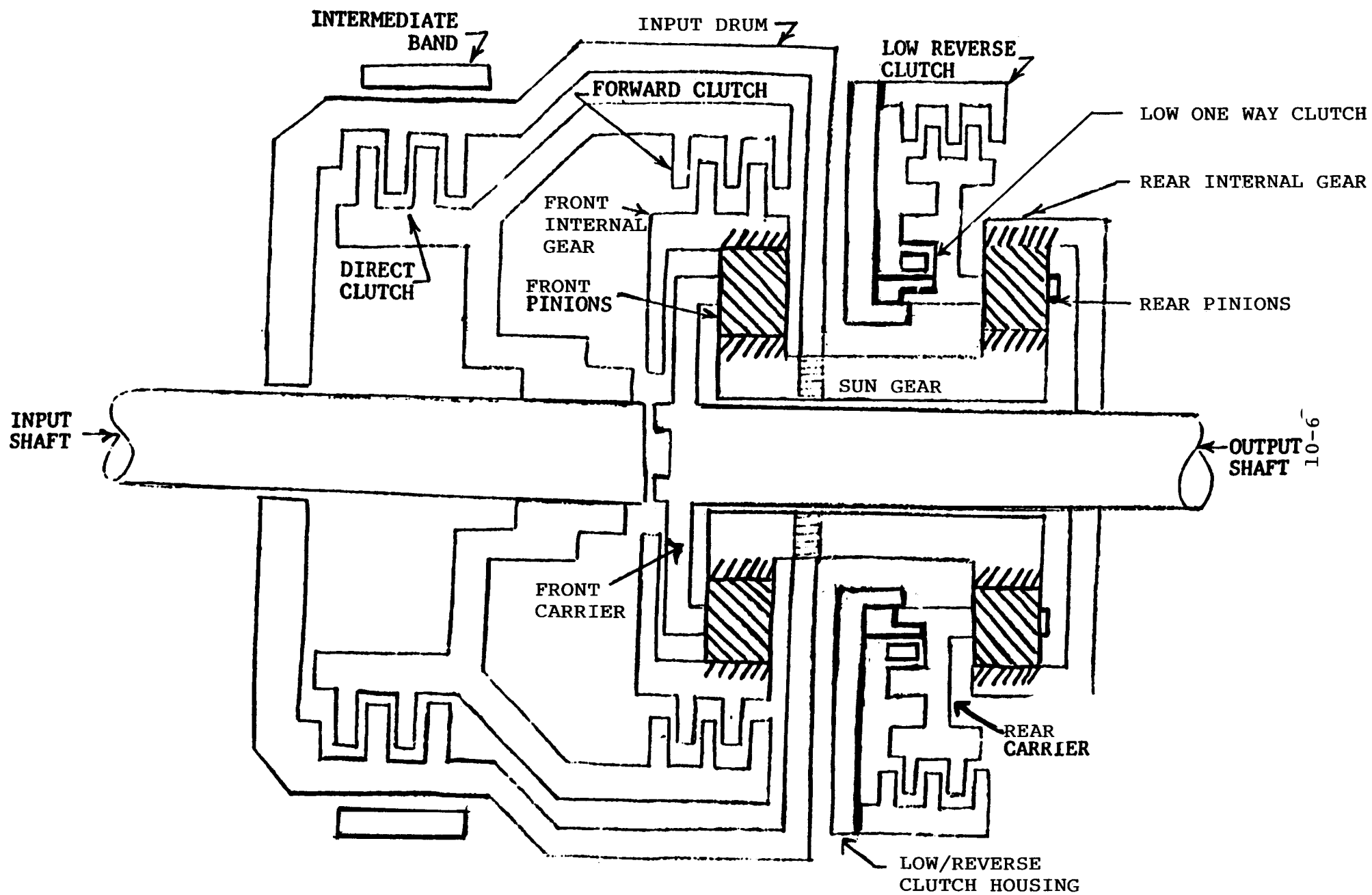


10-2

FORD C-4

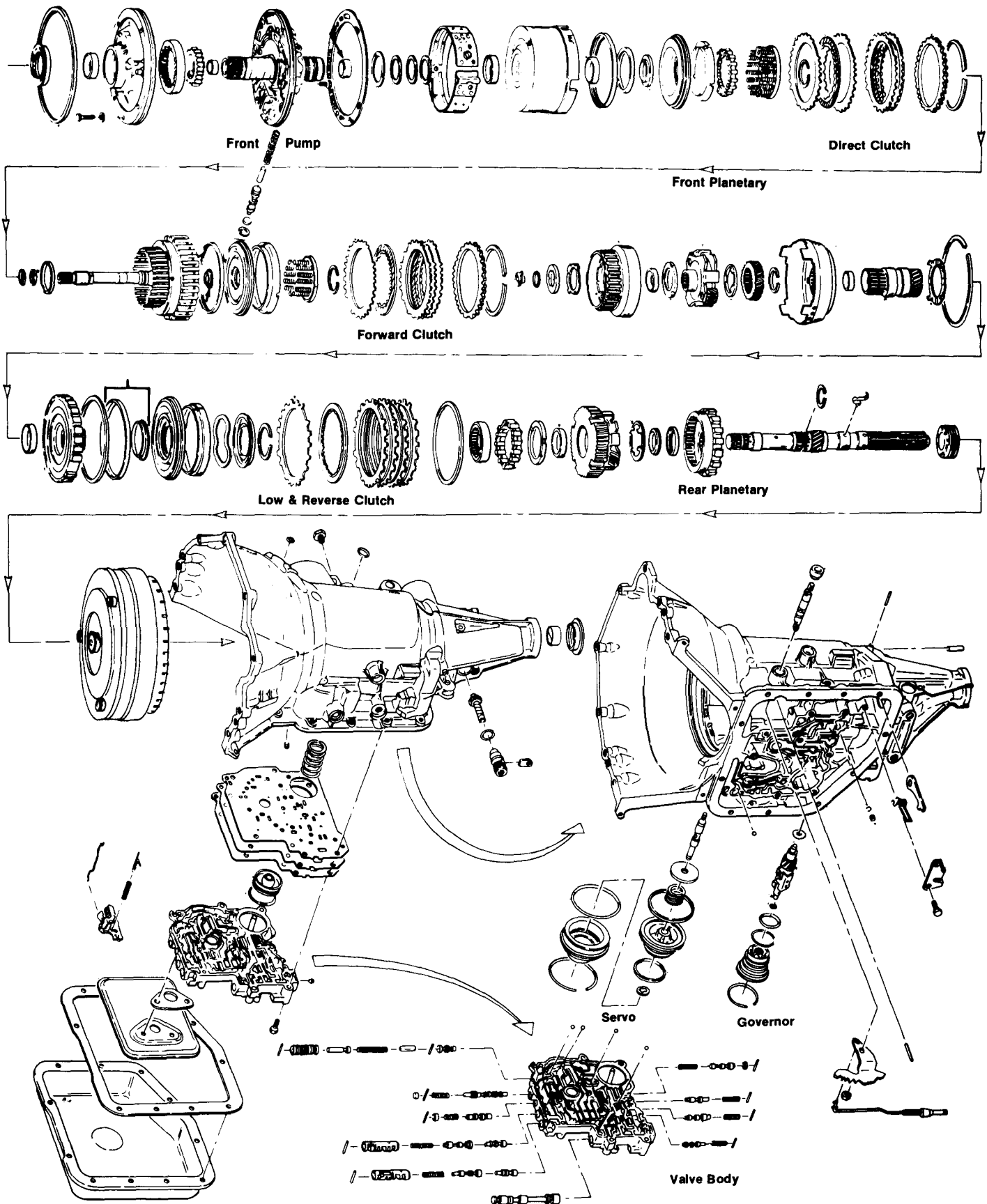


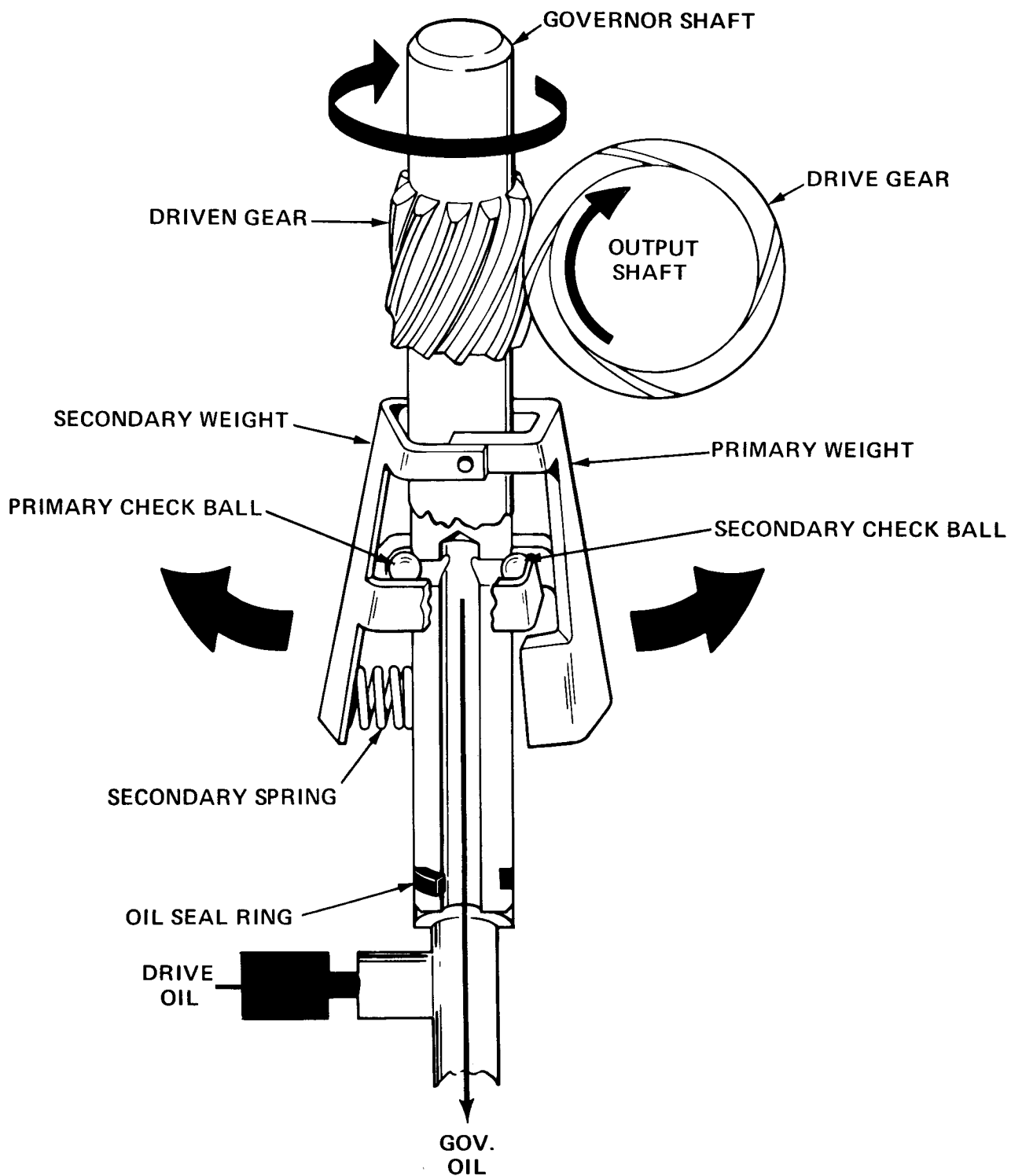
C4 Upper Control Valve Body

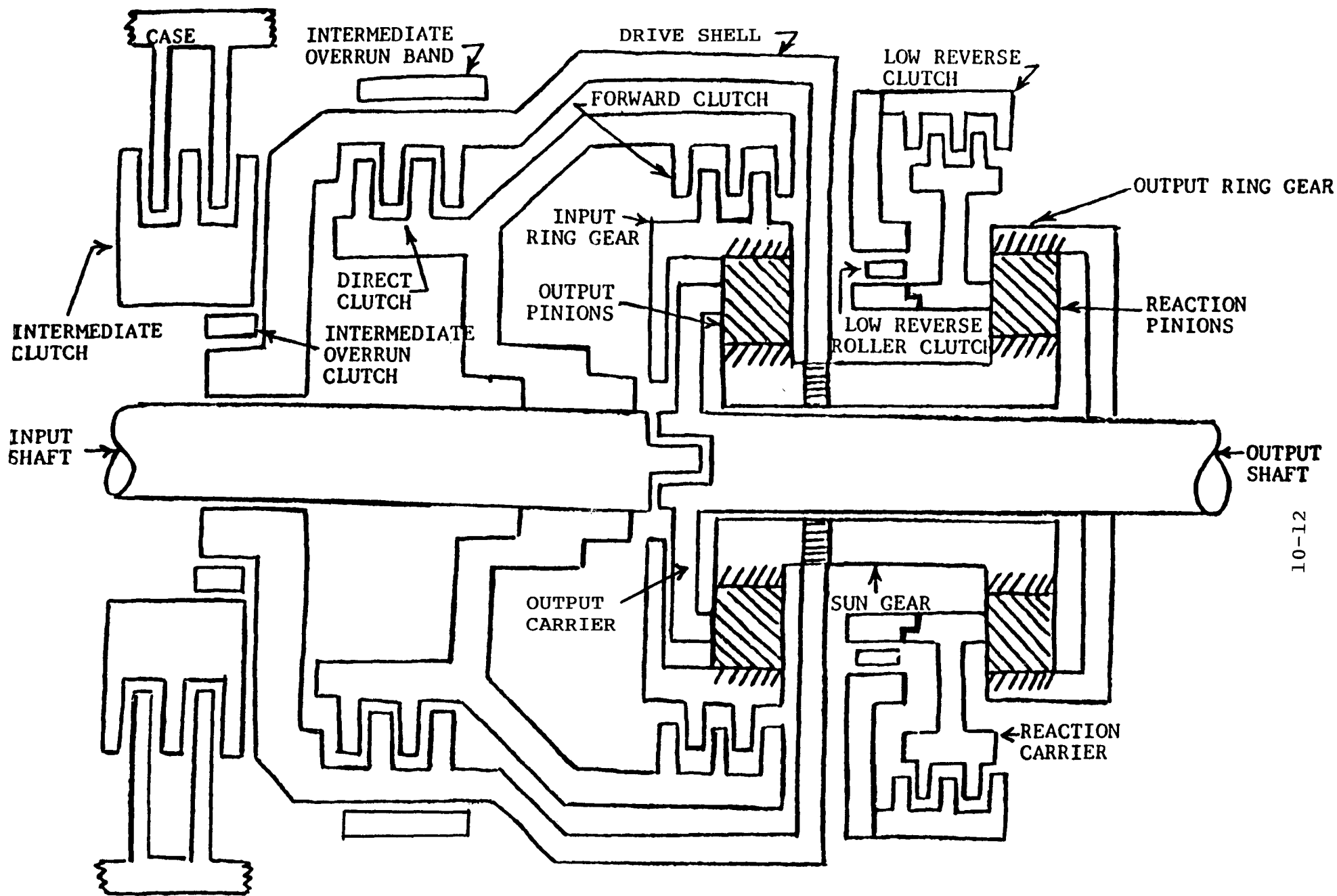


TURBO HYDRA-MATIC 200

TH 200 BLOW UP



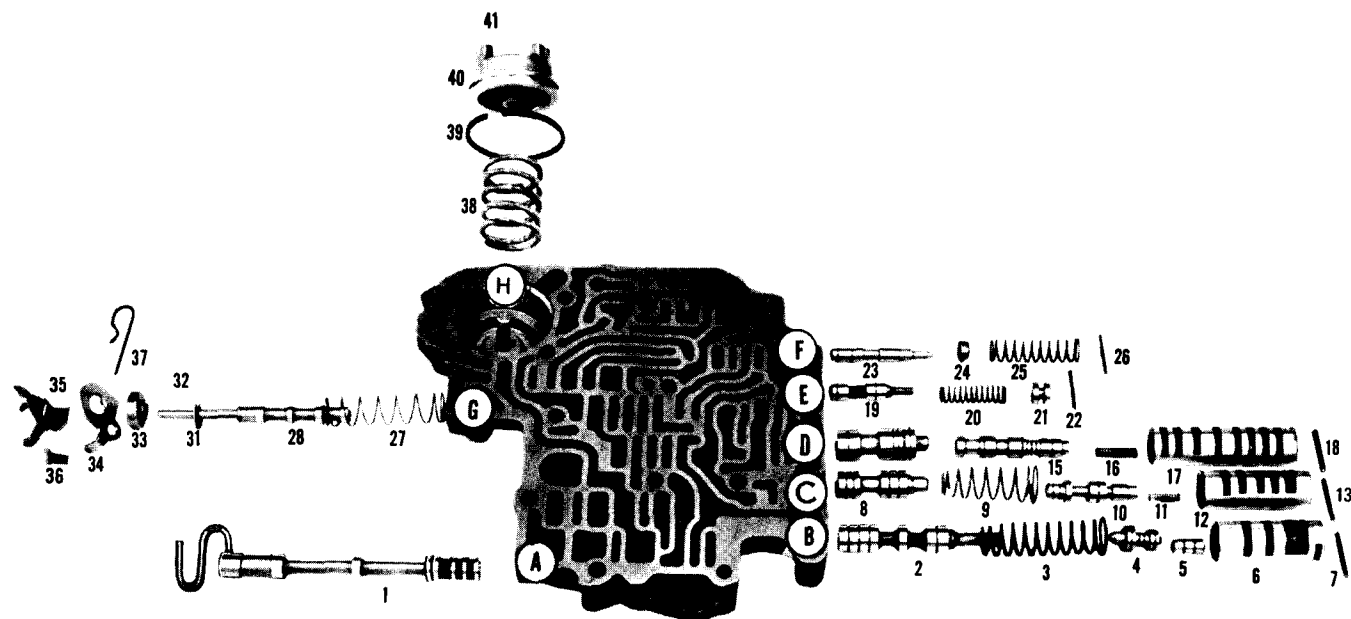




10-12

TURBO HYDRA-MATIC 350

TH 350 VALVE BODY

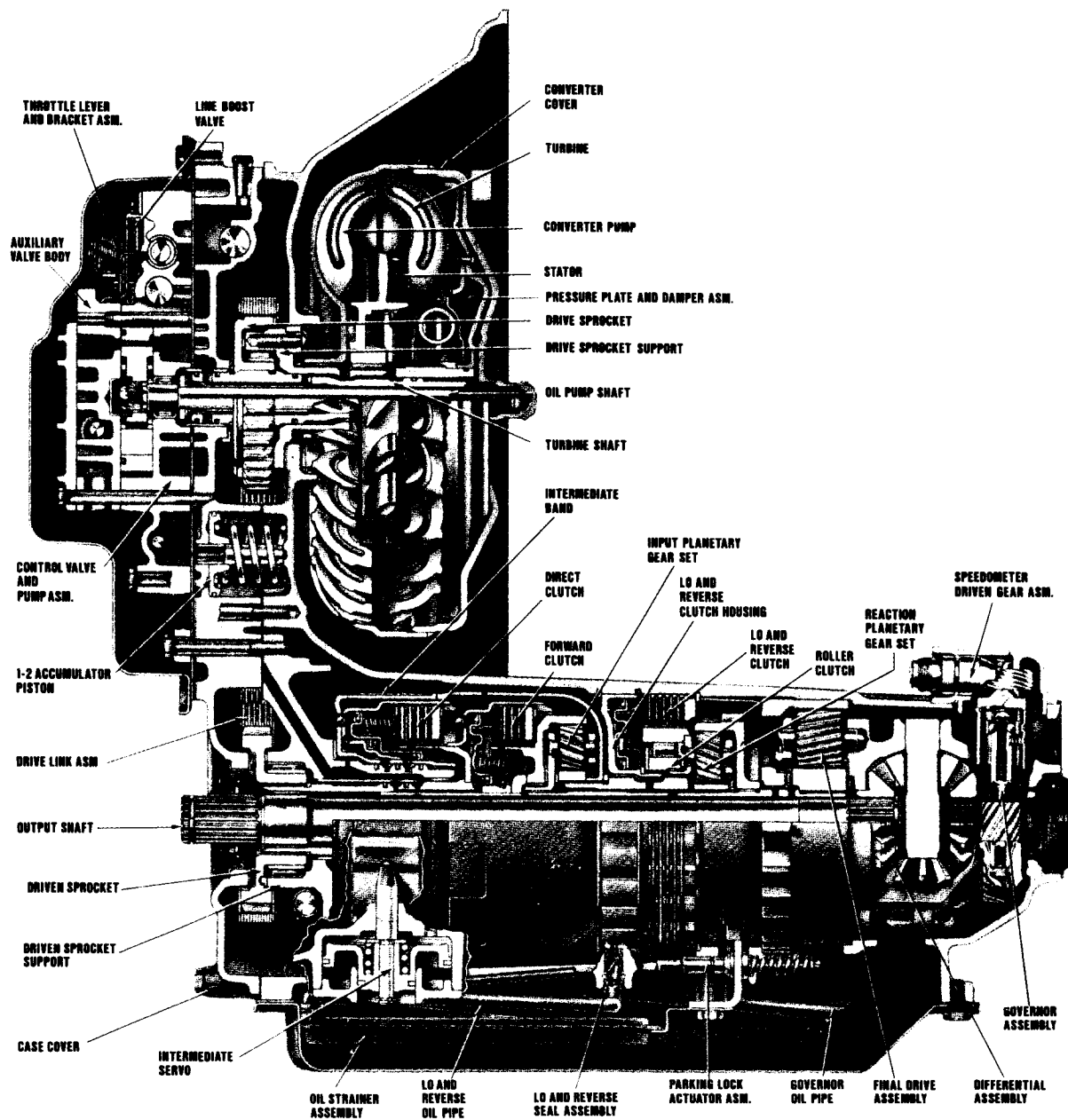


- A 1. MANUAL VALVE AND LINK ASSEMBLY
- 2. PRESSURE REGULATOR VALVE
- 3. PRESSURE REGULATOR VALVE SPRING
- B 4. REVERSE AND MODULATOR BOOST VALVE
- 5. INTERMEDIATE BOOST VALVE
- 6. BOOST VALVE SLEEVE
- 7. RETAINING PIN
- C 8. 2-3 SHIFT VALVE
- 9. 2-3 SHIFT VALVE SPRING
- 10. 2-3 SHIFT CONTROL VALVE
- 11. 2-3 SHIFT CONTROL VALVE SPRING
- 12. 2-3 SHIFT CONTROL VALVE SLEEVE
- 13. RETAINING PIN

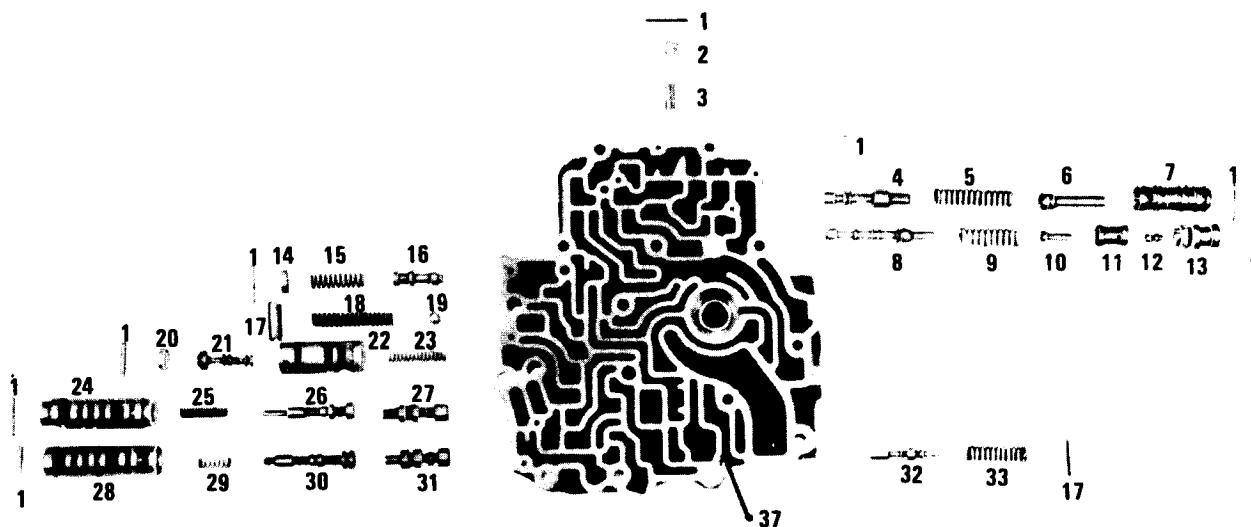
- D 14. 1-2 SHIFT VALVE
- 15. 1-2 SHIFT CONTROL VALVE
- 16. 1-2 SHIFT CONTROL SPRING
- 17. 1-2 SHIFT CONTROL SLEEVE
- 18. RETAINING PIN
- E 19. MANUAL LOW CONTROL VALVE
- 20. MANUAL LOW CONTROL SPRING
- 21. PLUG
- 22. RETAINING PIN
- F 23. DETENT REGULATOR VALVE
- 24. DETENT REGULATOR SPRING SEAT
- 25. DETENT REGULATOR SPRING
- 26. RETAINING PIN

- G 27. DETENT VALVE OUTER SPRING
- 28. DETENT VALVE
- 31. DETENT VALVE OUTER SPRING SEAT
- 32. DETENT VALVE SPRING RETAINER
- 33. DETENT VALVE STOP
- 34. DETENT VALVE BRACKET
- 35. DETENT VALVE ACTUATING LEVER
- 36. RETAINING BOLT
- 37. RETAINING PIN
- H 38. DIRECT CLUTCH ACCUMULATOR SPRING
- 39. OIL SEAL RING
- 40. DIRECT CLUTCH ACCUMULATOR PISTON
- 41. RETAINER RING

TH 125 TRANSAXLE



TH 125 VALVE BODY



1. RETAINING COILED PIN
2. LINE BOOST VALVE PLUG
3. LINE BOOST VALVE
4. THROTTLE VALVE
5. THROTTLE VALVE SPRING
6. THROTTLE VALVE PLUNGER
7. T.V. PLUNGER BUSHING
8. PRESSURE REGULATOR VALVE
9. PRESSURE REGULATOR SPRING
10. REVERSE BOOST VALVE
11. REVERSE BOOST VALVE BUSHING
12. T.V. BOOST VALVE
13. T.V. BOOST VALVE BUSHING
14. VALVE BORE PLUG
15. SHIFT T.V. SPRING
16. SHIFT T.V. VALVE
17. SPRING RETAINING SLEEVE
18. PRESSURE RELIEF SPRING
19. PRESSURE RELIEF BALL

20. VALVE BORE PLUG
21. 1-2 ACCUMULATOR VALVE
22. 1-2 ACCUMULATOR BUSHING
23. 1-2 ACCUMULATOR SPRING
24. 2-3 THROTTLE VALVE BUSHING
25. 2-3 THROTTLE VALVE SPRING
26. 2-3 THROTTLE VALVE
27. 2-3 SHIFT VALVE
28. 1-2 THROTTLE VALVE BUSHING
29. 1-2 THROTTLE VALVE SPRING
30. 1-2 THROTTLE VALVE
31. 1-2 SHIFT VALVE
32. 3-2 CONTROL VALVE
33. 3-2 VALVE SPRING
34. LO BLOW OFF BALL
35. LO BLOW OFF SPRING AND PLUG ASSEMBLY
36. LO BLOW OFF VALVE PLUG
37. CHECK BALL #1

BEGINNING ENDPLAY _____

SPECS _____

ASSEMBLED ENDPLAY _____

INSTRUCTOR CHECK POINTS

SPECS

AIR TESTS

PUMP BUSHING NOTCH _____
 REAR STATIONARY BUSHING WINDOW _____
 GOVERNOR ASSEMBLY AND TUBES _____
 ONE-WAY CLUTCH ASSEMBLY _____
 OUTPUT SHAFT SNAP RING _____
 #2 THRUST WASHER INSTALLATION _____
 FORWARD CLUTCH FINAL _____
 HIGH/REVERSE CLUTCH FINAL _____
 HIGH/REVERSE CLUTCH TO SHELL
 CLEARANCE _____
 INPUT SHAFT TURNS _____
 AIR TEST _____
 CORRECT VALVE BODY GASKET _____
 VALVE BODY BALL COUNT AND
 LOCATION _____
 DYNO TEST _____

FRONT PUMP

VISUAL INSPECTION _____

CLUTCHES

FORWARD CLUTCH S/B _____ Is _____

 HIGH/REVERSE
 CLUTCH S/B _____ Is _____
BANDS

FRONT BAND TORQUE To _____

BACK OFF _____

REAR BAND TORQUE To _____

BACK OFF _____

PLANETARY PINIONS

PINION CLEARANCE SPEC _____

FRONT _____

REAR _____

FRONT CLUTCH _____

FRONT BAND _____

REAR CLUTCH _____

REAR BAND _____

GOVERNOR, PRIMARY _____

GOVERNOR, SECONDARY _____

TH-350

BEGINNING ENDPLAY _____

SPECS _____

ASSEMBLED ENDPLAY _____

INSTRUCTOR CHECK POINTS

SPECS

AIR TESTS

CASE BUSHING INSTALLED PROPERLY _____
 GOVERNOR BORE GOOD _____
 ANTI-CLUNK SPRING AND LOCATION
 OF SNAP RING END GAP _____
 FRONT SUN BUSHING DEPTH _____
 DIRECT DRUM BUSHING DEPTH _____
 FORWARD CLUTCH FINAL _____
 DIRECT CLUTCH FINAL _____
 INPUT SHAFT TURNS _____
 AIR TEST _____
 CASE BALL COUNT AND LOCATION _____
 TRANSFER PLATE GASKETS CORRECT _____
 SUPPORT PLATE FLAT _____
 DYNO TEST _____

FRONT PUMP

VISUAL INSPECTION _____

CLUTCHES

INT. CLUTCH COUNT _____
 DIRECT CLUTCH S/B _____ Is _____
 FORWARD CLUTCH S/B _____ Is _____
 LOW/REVERSE CLUTCH COUNT _____

PLANETARY PINIONS

PINION CLEARANCE SPEC _____
 FRONT _____
 REAR _____

INT. CLUTCH _____
 DIRECT CLUTCH (2) _____
 FORWARD CLUTCH _____
 LOW-REVERSE
 CLUTCH (2) _____
 1-2 Acc. _____
 GOVERNOR _____

AUTOMATIC TRANSMISSION DYNOMOMETER RECORD

TYPE OF TRANSMISSION: _____ INSTRUCTOR: _____

PHASE: _____ DATES RUN: _____

IN/Hg: MPH:								
TRANS. NO.	PARK	REVERSE	NEUTRAL	DRIVE	INTERMEDIATE	LOW	DETENT	COMMENTS