



## **MITSUBISHI F4A41, F4A51**

### **VALVE BODY EXPLODED VIEWS AND IDENTIFICATION OF COMPONENTS**

This bulletin is to provide you with valve body information and identification on the location and the names of the valve body internal components, valve retainer locations, identification and location of each of the solenoids, and checkball locations. We have also provided you with spring specifications.

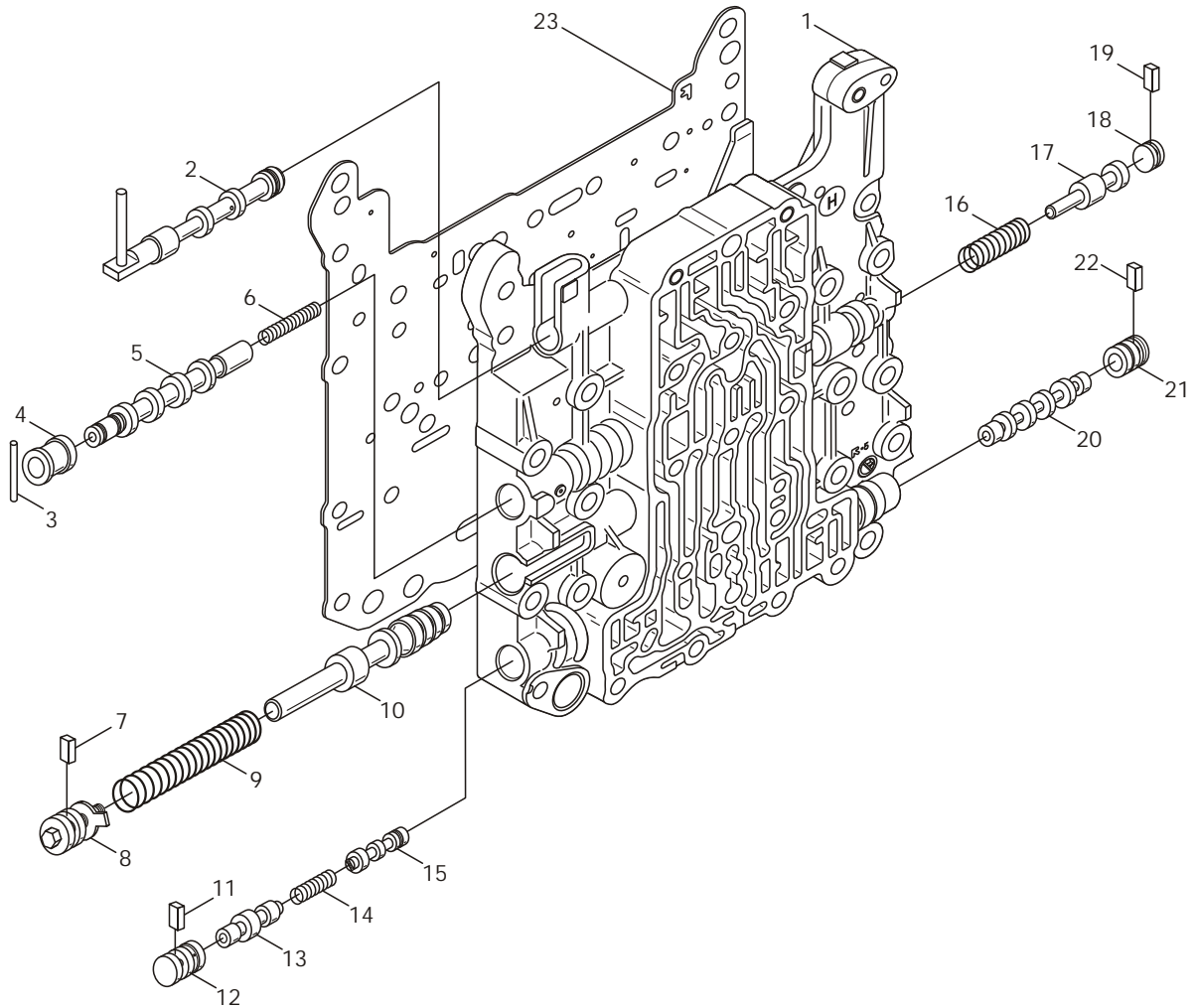
*Refer to Figure 1 for valve identification and locations for the "Inner" Valve Body.*

*Refer to Figure 2 for valve identification and locations for the "Outer" Valve Body.*

*Refer to Figure 3 for Solenoid identification and locations.*

*Refer to Figure 4 for Check ball, retainer, locations, small parts locations and spring specifications.*

## INNER VALVE BODY



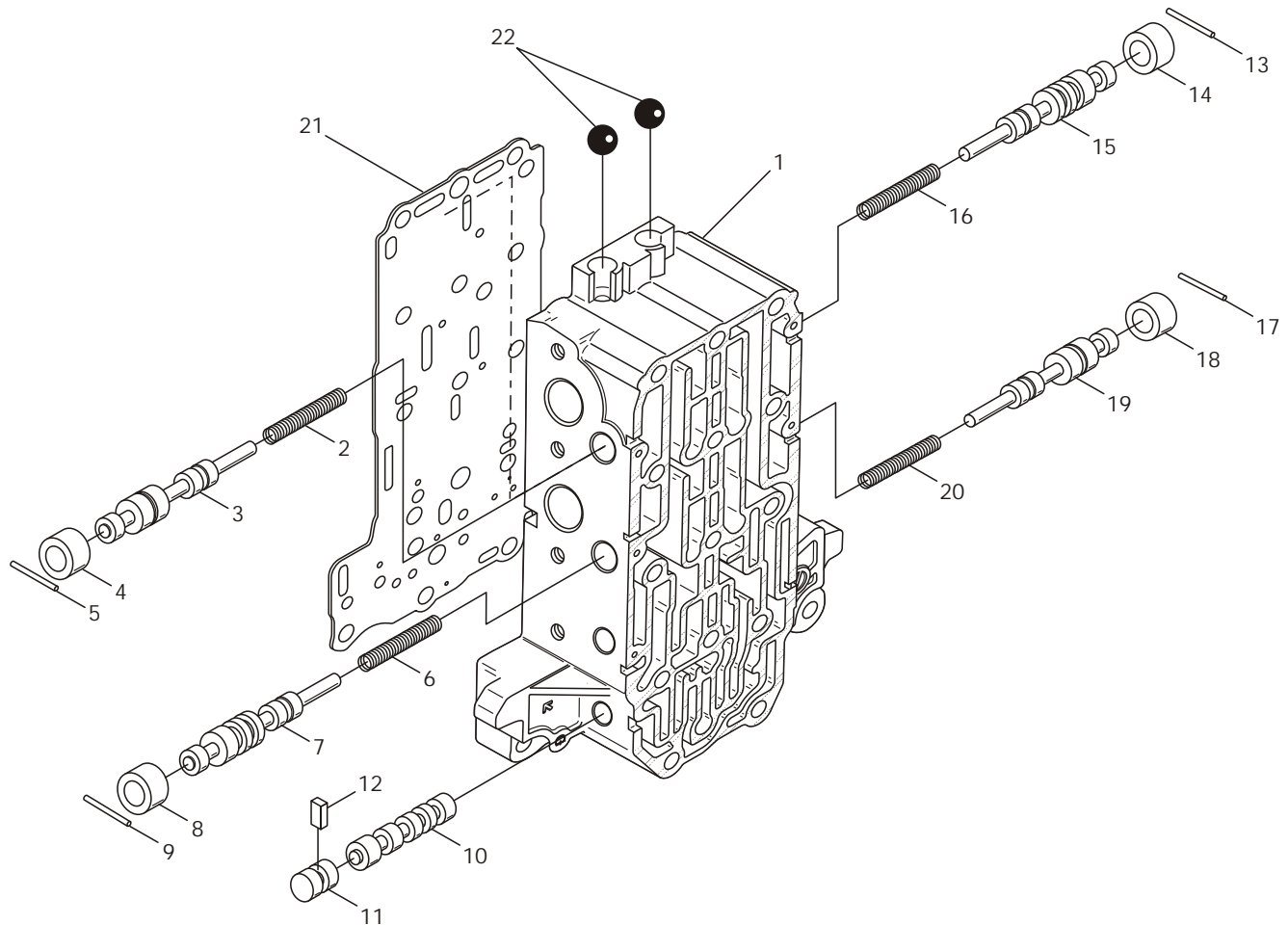
- 1. INNER VALVE BODY CASTING
- 2. MANUAL VALVE
- 3. ROLL PIN
- 4. TORQUE CONVERTER CLUTCH CONTROL VALVE SLEEVE
- 5. TORQUE CONVERTER CLUTCH CONTROL VALVE
- 6. TORQUE CONVERTER CLUTCH CONTROL VALVE SPRING
- 7. RETAINER
- 8. PRESSURE REGULATOR ADJUSTMENT SCREW
- 9. PRESSURE REGULATOR SPRING
- 10. PRESSURE REGULATOR VALVE
- 11. RETAINER
- 12. FAIL-SAFE VALVE "A" SLEEVE

- 13. FAIL-SAFE VALVE A2
- 14. FAIL-SAFE VALVE "A" SPRING
- 15. FAIL-SAFE VALVE A1
- 16. TORQUE CONVERTER VALVE SPRING
- 17. TORQUE CONVERTER VALVE
- 18. BORE PLUG
- 19. RETAINER
- 20. FAIL-SAFE VALVE "B"
- 21. FAIL-SAFE VALVE "B" SLEEVE
- 22. RETAINER
- 23. SPACER PLATE

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Figure 1

## OUTER VALVE BODY



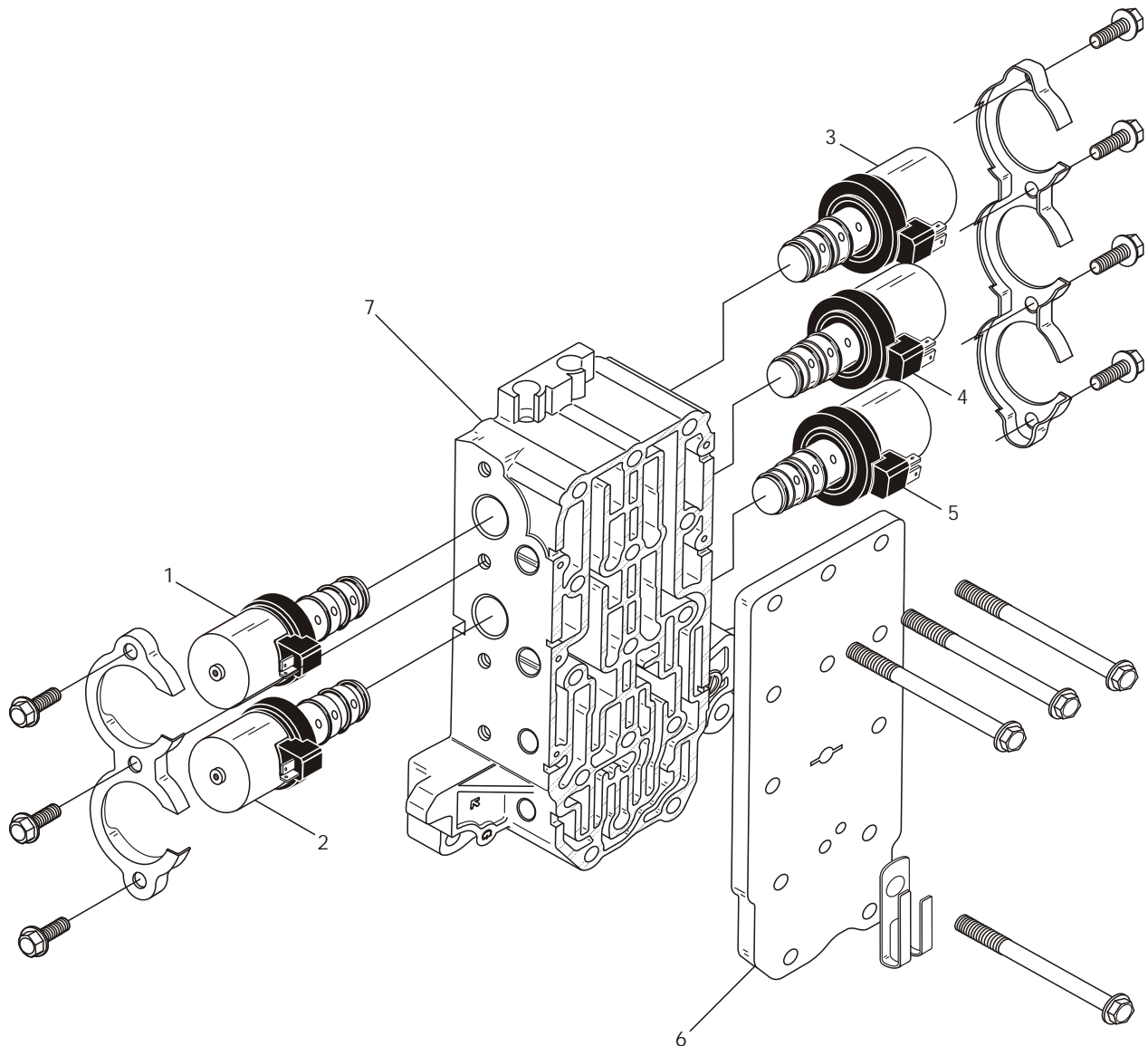
1. OUTER VALVE BODY CASTING
2. OVERDRIVE PRESSURE CONTROL VALVE SPRING
3. OVERDRIVE PRESSURE CONTROL VALVE
4. OVERDRIVE PRESSURE CONTROL VALVE SLEEVE
5. RETAINER
6. LOW/REVERSE PRESSURE CONTROL VALVE SPRING
7. LOW/REVERSE PRESSURE CONTROL VALVE
8. LOW/REVERSE PRESSURE CONTROL VALVE SLEEVE
9. RETAINER
10. SWITCHING VALVE
11. BORE PLUG

12. RETAINER
13. RETAINER
14. UNDERDRIVE PRESSURE CONTROL VALVE SLEEVE
15. UNDERDRIVE PRESSURE CONTROL VALVE
16. UNDERDRIVE PRESSURE CONTROL VALVE SPRING
17. RETAINER
18. SECOND PRESSURE CONTROL VALVE SLEEVE
19. SECOND PRESSURE CONTROL VALVE
20. SECOND PRESSURE CONTROL VALVE SPRING
21. SPACER PLATE
22. EXHAUST CHECK BALLS (.375" DIA)

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Figure 2

## SOLENOID LOCATIONS

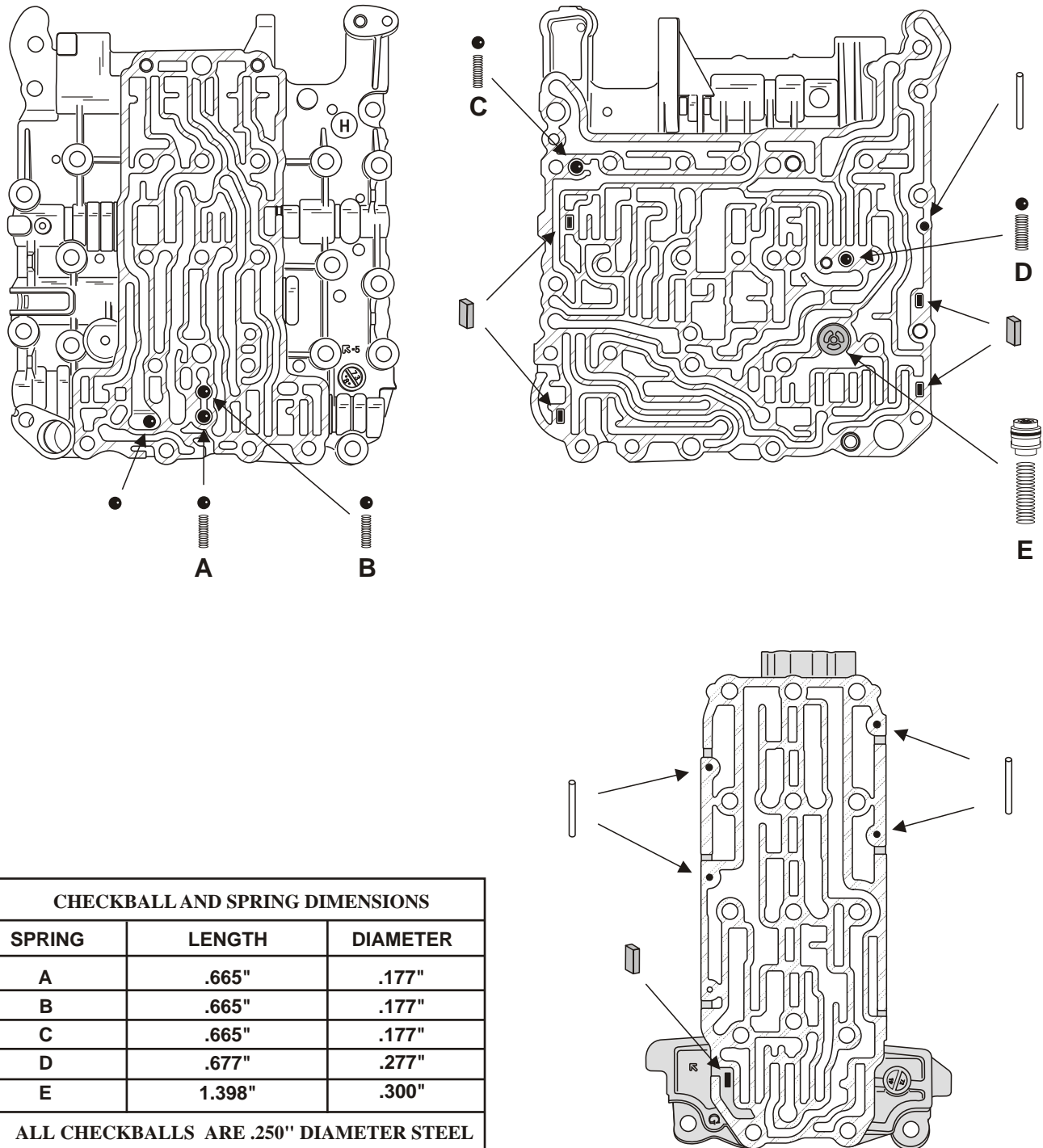


1. OVERDRIVE CLUTCH SOLENOID
2. LOW/REVERSE CLUTCH SOLENOID
3. UNDERDRIVE CLUTCH SOLENOID
4. SECOND CLUTCH SOLENOID
5. TORQUE CONVERTER CLUTCH CONTROL SOLENOID
6. OUTER VALVE BODY COVER
7. OUTER VALVE BODY ASSEMBLY

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Figure 3

## RETAINER AND CHECKBALL LOCATIONS



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Figure 4