

Technical Service Information

AISIN SEIKI 450-43LE NO THIRD OR REVERSE

COMPLAINT: After rebuild, the transmission exhibits no movement in reverse and no third gear.

CAUSE: The cause may be, the C2 (Direct) Clutch check valve missing. This check valve is actually a

6.35mm (.250") checkball, as shown in Figure 1, and switches C2 (Direct) Clutch apply oil

between the 3rd gear circuit and reverse circuit. If left out both circuits are exhausted.

CORRECTION: Install the correct C2 (Direct) Clutch check valve line-up, as shown in Figure 1. The steel

checkball in the C2 Clutch check valve assembly is 6.35mm (.250") in diameter.

We have also provided you with the other checkball locations for both the upper and lower

valve bodies in Figure 2 and 3.

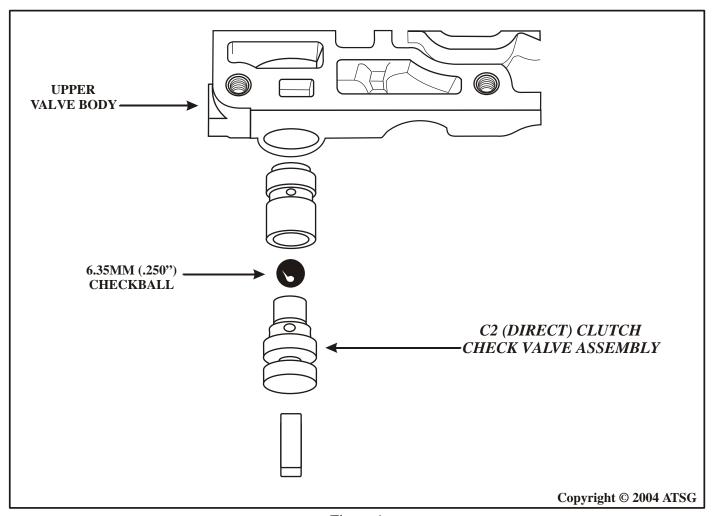


Figure 1



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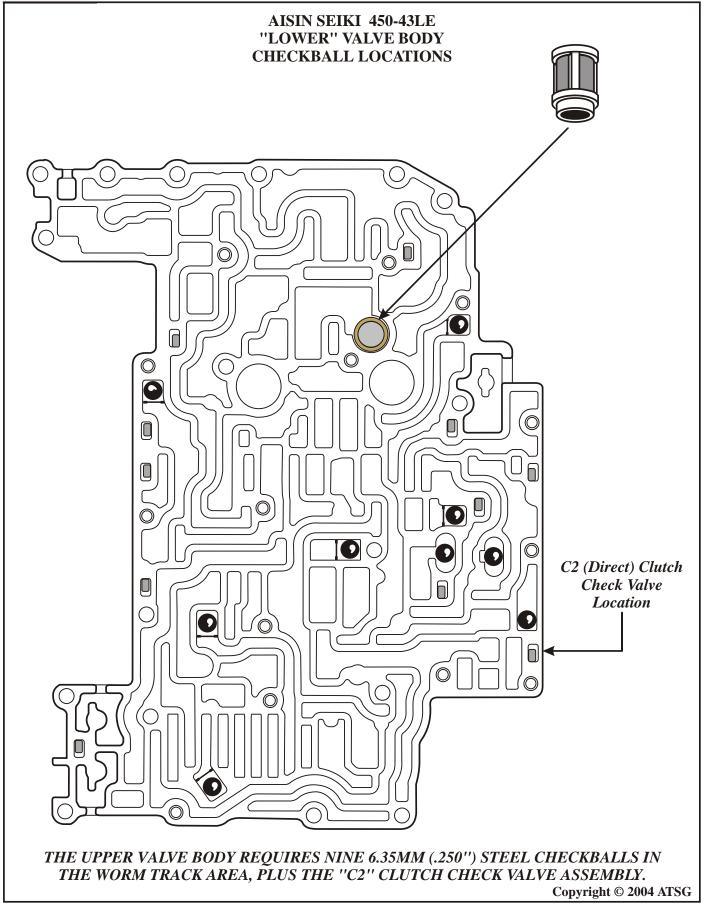


Figure 2

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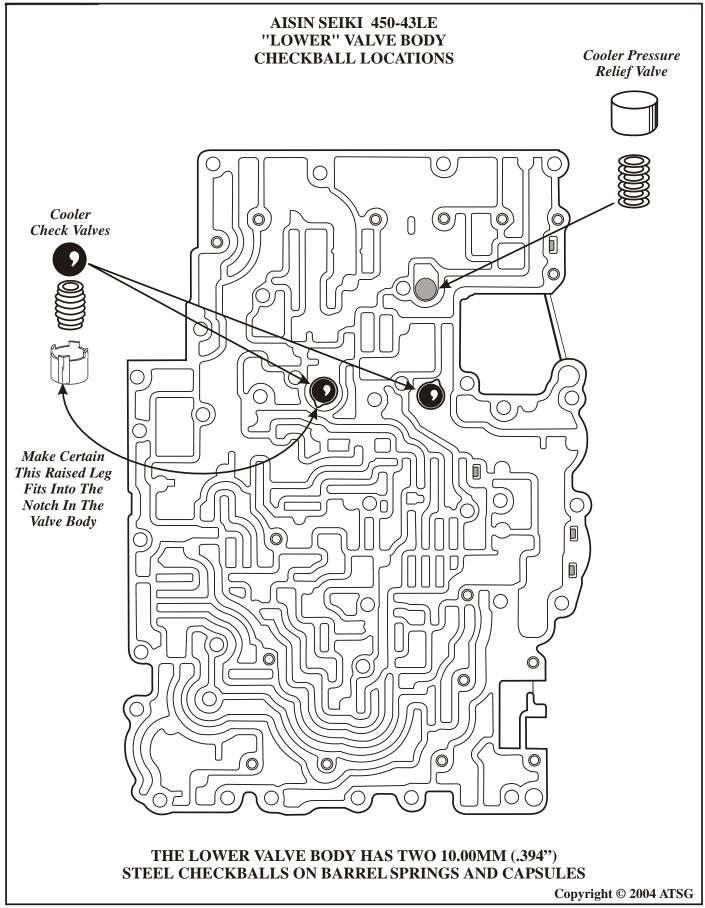


Figure 3

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