



Technical Service Information

TOYOTA A340 MULTIPLE SHIFT PROBLEMS

COMPLAINT: Harsh Shifting.

CAUSE: Large ball in valve body beats into separator plate.

CORRECTION: Install new OEM separator plate # 35432-35010 from Toyota.

COMPLAINT: Multiple shift problems including misses 2nd gear, misses 3rd gear, no downshift, no overdrive, or cannot cancel overdrive.

CAUSE: Broken or cracked end plugs. Problem may not be visible unless valves are removed

CORRECTION: Install updated (stronger) end plugs, also replace retainers designed to accommodate the new end plugs (see figures 1 & 2).

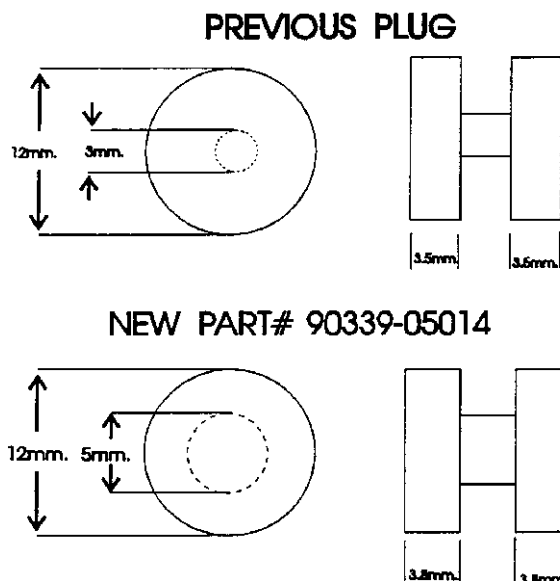


Figure 1

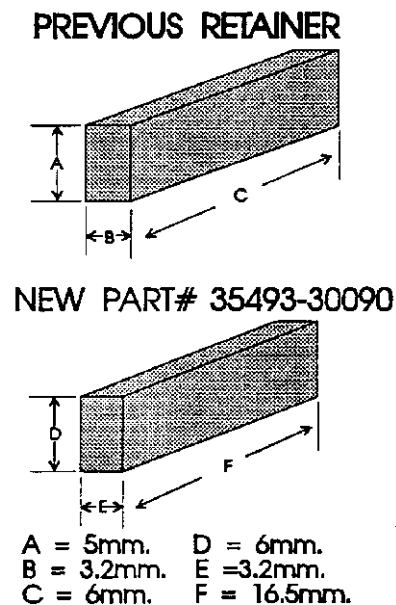


Figure 2