



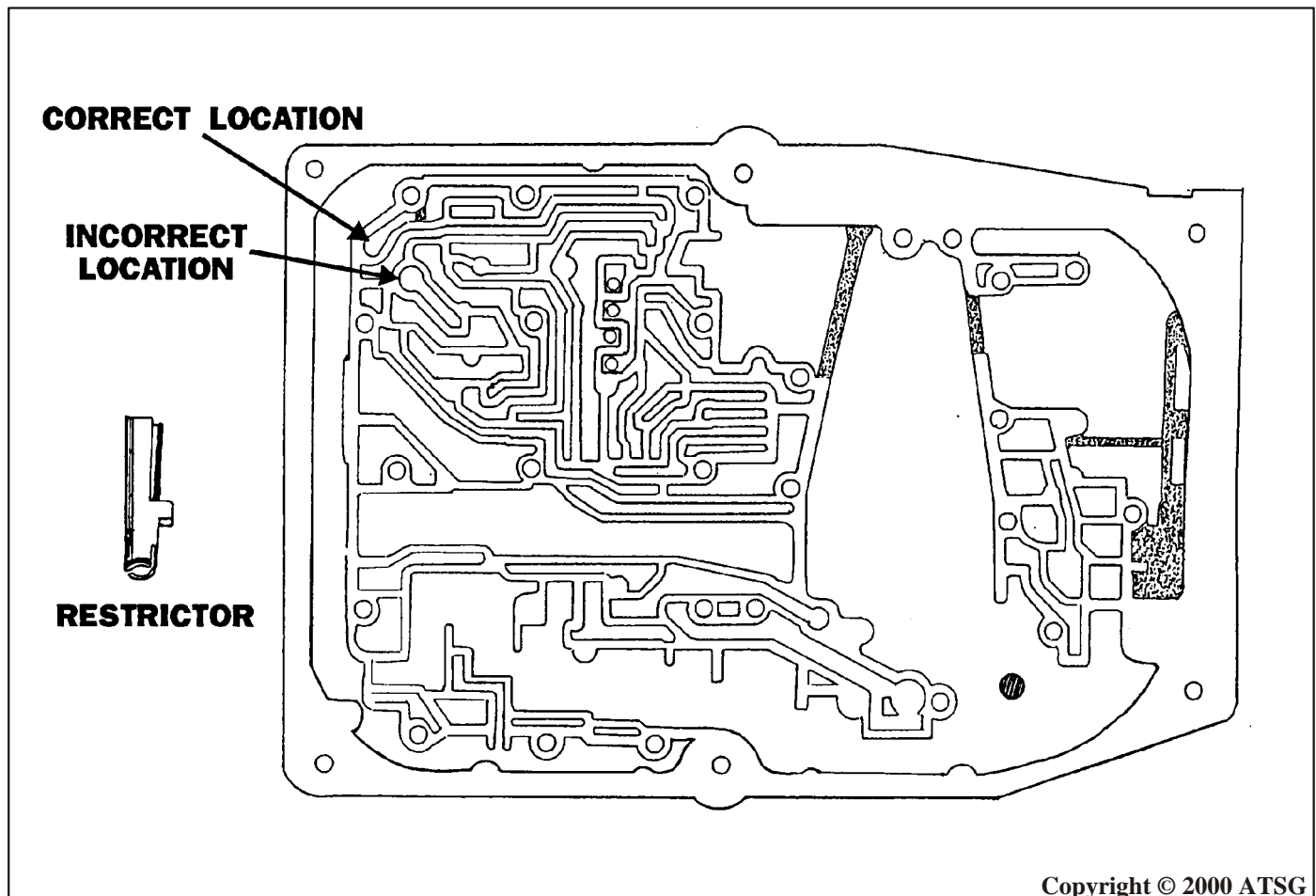
# Technical Service Information

## **MERCEDES 722.3 /.4 HARSH REVERSE AFTER REBUILD CHECK VALVE IN PUMP IS OK**

**COMPLAINT:** Some 190 series transmissions may experience a harsh reverse engagement into reverse after an overhaul. All of the forward ranges are ok and modulating pressure is within specifications.

**CAUSE:** The reverse feed passage is unrestricted, allowing too much oil volume to the reverse clutches.

**CORRECTION:** Install the Mercedes tapered oil restrictor (Part # 123 277 0319) into the transmission case as shown in figure 1. Note that the restrictor goes in tapered end first and fits snug in the case.



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