



HONDA CIVIC A4RA/B4RA/M4RA

DELAYED FORWARD ENGAGEMENT, SLIPPING IN LOW GEAR

COMPLAINT: The transmission exhibits a delayed forward engagement and slipping in low gear. A low clutch pressure check indicates pressure that is well below the 130 psi that is **required** when the transmission is in low gear.

When the transmission is disassembled, it is discovered that the low clutch plates are burnt. Inspection of the low clutch feed tube, feed tube o-rings and feed tube bushing indicate these components are in good condition. Low sprag is also in good condition.

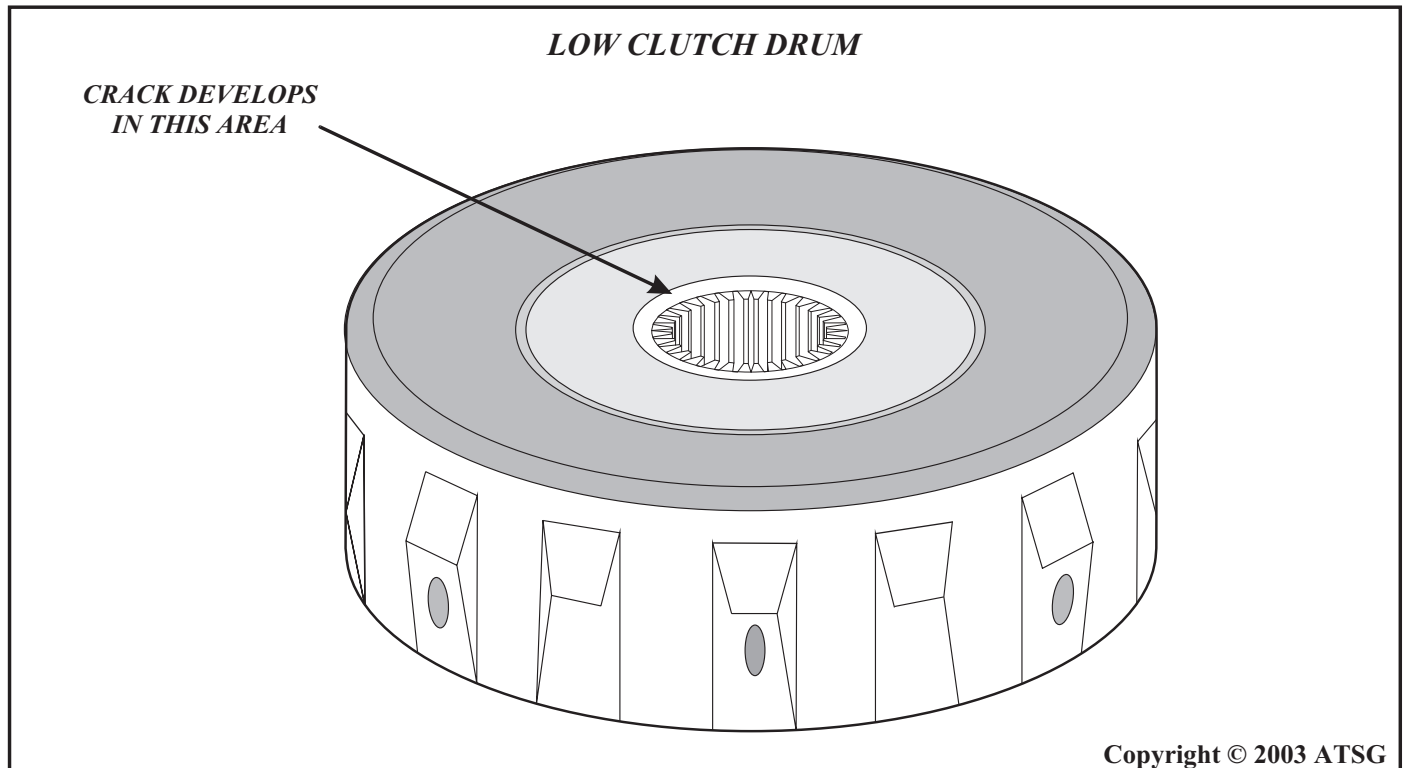
CAUSE: The low clutch drum has developed a hairline crack on the back of the drum close to the mainshaft opening as seen in Figure 1. This crack cannot be seen with the mainshaft nut and conical washer in place.

CORRECTION: Replace the low clutch drum as necessary, with OEM part number listed below.

NOTE: *In most cases, the crack can be repaired with a MIG welder. By removing the end cover and low clutch drum, with the transmission in the car, this can be an in vehicle repair.*

SERVICE INFORMATION:

Low Clutch Drum Assembly 22510P4R003



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Figure 1