

All

Flexplate Failures

Diagnosing Flexplate Failures

Flexplate cracking on various, engine applications are common. The cracking on these flexplates can be seen either around the crankshaft or torque convert bolt hole patterns. In severe situations, the outer portion is completely separated from the mounting areas.

The following causes for cracked flexplate failures:

- 1) Out of balance engine or torque converter.
- 2) Bad starter drive can cause teeth or ring gear to wear rapidly or break off. Teeth can also break when engine is running and starter is engaged.
- 3) Failure to torque the flexplate bolts to proper specifications and in proper sequence.
- 4) Some applications may require starter shims to be used. If these shims are not used when the starter is installed, improper alignment could occur and damage to the flywheel will result.
- 5) Poor quality parts.
- 6) Missing Dowel pins.