



Technical Service Information

AISIN SEIKI 450-43LE

FLYWHEEL/FLEXPLATE ALIGNMENT

COMPLAINT: After flywheel and or flexplate replacement, the returns is a short period of time with the transmission leaking out the front and a vibration complaint.
Upon removal of the converter, a check of the front seal area reveals that the pump bushing is severely worn.

CAUSE: One or more of the flywheel bolts have bottomed out against the flexplate causing the flywheel, flexplate and converter assembly to have excessive run out resulting in the above complaints as seen in Figure 1.

CORRECTION: The flywheel has a white paint mark on it from the factory. The flexplate has a drilled dimple in it from the factory. Line the white paint mark on the flywheel up with the drilled dimple in the flexplate, (Refer to Figure 2), and then bolt it to the crankshaft.

Note: It is a good practice to mark the flywheel to flexplate relation before removal just in case the factory marks are illegible.

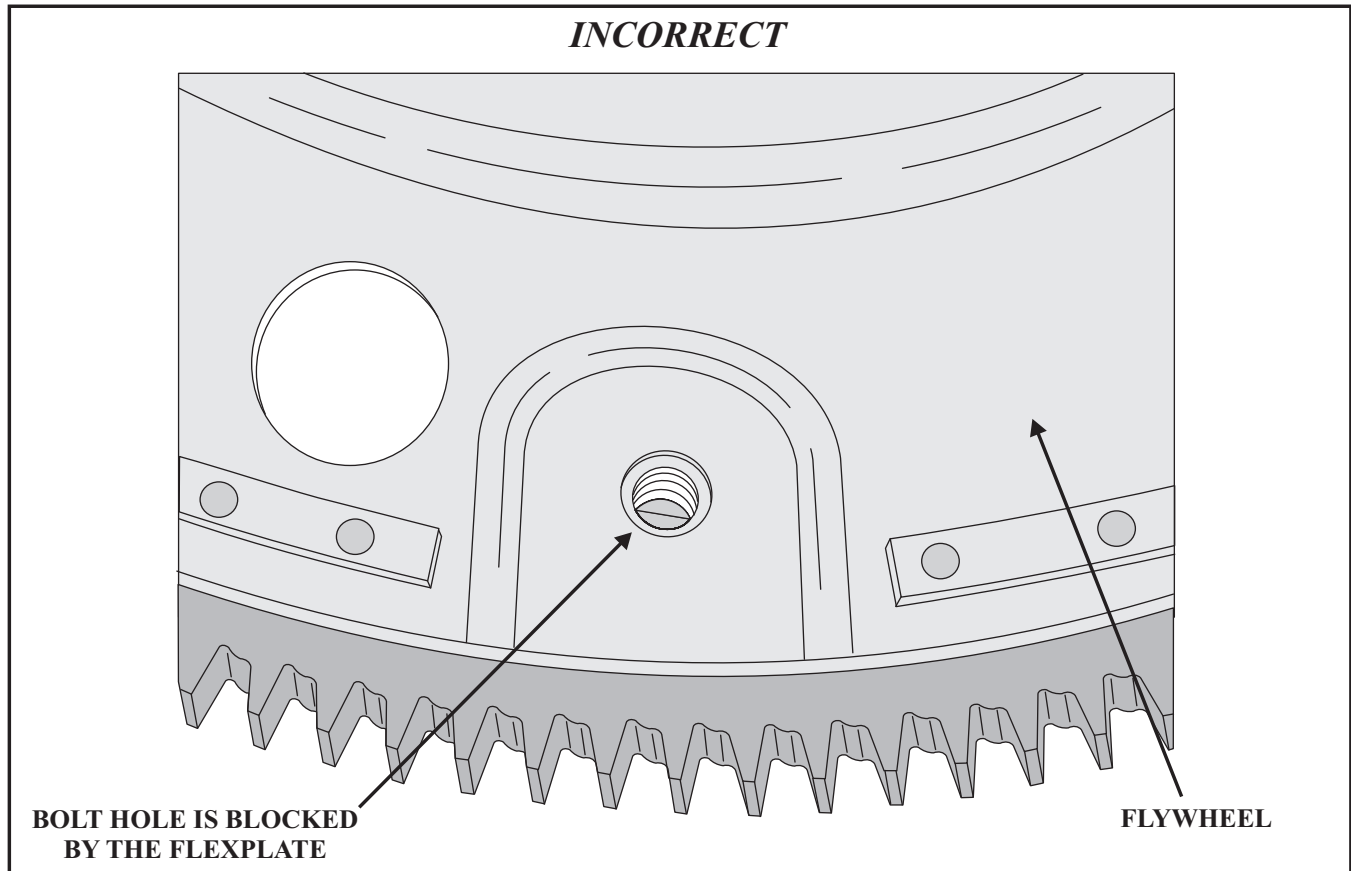


Figure 1

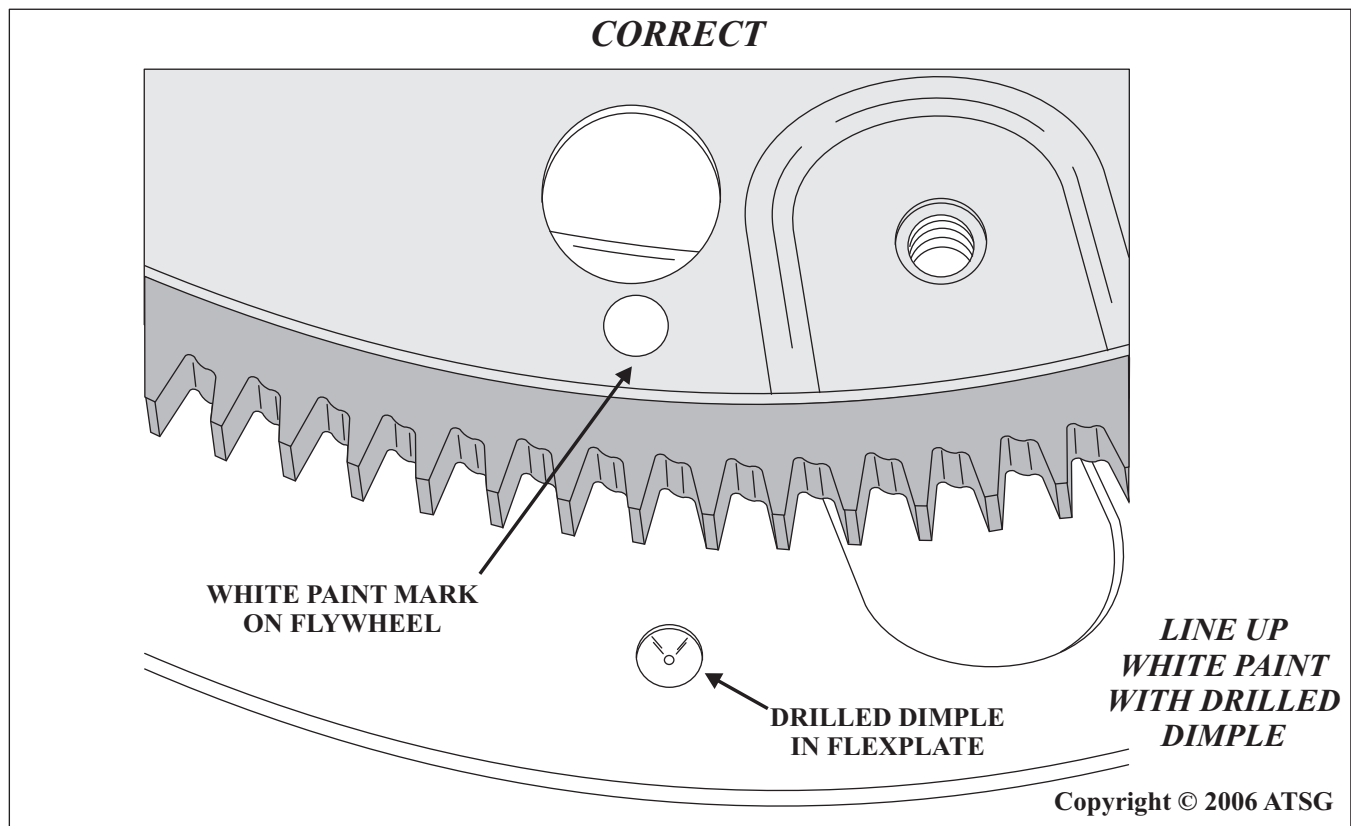


Figure 2