Segmented Locomotive Flywheel/Starter Gear

Same as OEM 40121149. Replaces 8416930 & 40051536 – EMD 645 & 710 Engines

With the growth of automated engine starter systems, starter gears are used more than ever. Penn Machine has designed a 3-piece starter gear in cooperation with a Class I railroad. The benefits of this product have enabled railroads and repair shops alike to improve their efficiency and profitability.

Key features and benefits are:

- Heat Treat Alloy Steel for Longer Life
- Reduced Tooth Breakage
- 90% Reduction in Changeout Time & Cost

Part Numbers
00493643 (3 piece)
00708066 (3 piece chamfered)

Installation Instructions

1. Remove flywheel bolts from old starter gear. Torch cut gear to remove. Protect other critical components during cutting.
2. Remove old gear halves, clean flywheel, check clean & re-tap mounting holes.
4. Reassemble the split locking plates. Loctite Allen screws & torque to 100-130 inch pounds.
5. Tighten flywheel bolts per OEM specifications.

Penn Machine Flywheel/Starter Gears cut installation time by more than 80%