



MOTORFACTORY

CUSTOM CHROME EXCLUSIVE

TOP SELLER

Motor Factory Hitachi-Type Starter Motors

The latest in starter technology performance has been integrated in this starter. With heavy duty bearings that provides better reliability, and higher torque output for dependable starts. Fits 73-88

- 644072** Black starter motor assembly (repl. OEM 31570-73)
- 644073** Chrome starter motor assembly (repl. OEM 31559-89T)
- 28606** Chrome starter motor end cover (repl. OEM 31565-67)
- 28621** Hitachi-style armature with bearing (repl. OEM 31580-73T)
- 28622** Brush set (set of 4) repl. OEMs 31582-73, 31575-73
- 28623** Complete brush holder assembly (repl. OEM 31581-73)
- 28624** Drive gear end ball bearing, fits all Hitachi starters on Big Twins from 73-88 and Sportster models 74-76 (repl. OEM 31583-73)
- 28625** Thru-bolt kit (repl. OEM 31576-73)



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Motor Factory Prestolite-Type Starter Motors

Reproductions of the Original Equipment Prestolite electric starter motor used on many models from 66-82. Chrome end cover kit and replacement parts are also available.

- 644070** Black starter motor assembly (repl. OEM 31458-66TA)
- 644071** Chrome starter motor assembly (repl. OEM 31463-88T)
- 28606** Chrome starter motor end cover (repl. OEM 31565-67)
- 28601** Prestolite-style armature (repl. OEM 31542-66T)
- 28602** Brush set (set of 4) repl. OEM 31541-66T
- 28603** Complete brush holder assembly (repl. OEM 31537-66)
- 28604** Drive gear end ball-bearing, fits all Prestolite starters on Big Twins from 66-82 and Sportster models from 67-73 or 77-80 (repl. OEM 31539-66)
- 28605** Thru-bolt kit (repl. OEM 31535-66)



644068



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Motor Factory High Torque Starter Motors

The most common failure of starter motors is the starter clutch. All Motor Factory starters are equipped with a heavy duty starter clutch that features wider intermediate gears and a much stronger than stock one-way bearing.

Other features include:

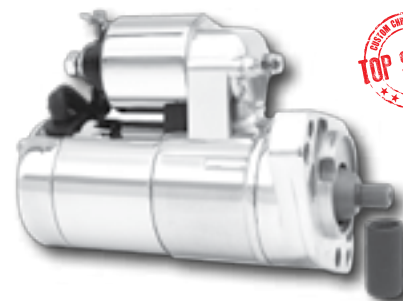
- Double-wound and balanced armatures
- Heavy-gauge field coils, and hi-temp welded carbon brushes
- Hi-temp grease and heavy-duty steel intermediate gears
- Solenoid coils are staked to withstand excessive vibration
- Life tested to Original Equipment specifications
- 25% more torque and RPM than Original Equipment 1.2kw starters while operating with a stock specification or H-D OEM battery

Fit Big Twin Models from 94-06

- 644060** 1.4kw raw finish
- 644062** 1.4kw black finish (replaces OEM 31335-03)
- 644064** 1.4kw chrome finish (replaces OEM 31559-99)
- 644069** 1.8kw chrome finish, not for right side application

Fit Big Twin Models from 89-93

- 644061** 1.4kw raw finish
- 644063** 1.4kw black finish
- 644065** 1.4kw chrome finish
- 644068** 1.8kw chrome finish, not for right side application



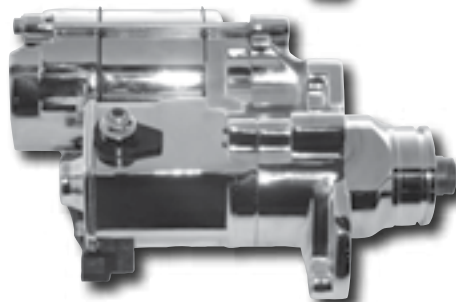
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Compu-Fire 'Gen III' Starters

The 'Gen III' turns over a full 2kw of starting power while only drawing 175 amps from the battery. This chrome and polished starter features a removable jackshaft coupler, ultra powerful neodymium magnets, innovative high torque clutch and 6:1 planetary gear reduction. It has the power to start large displacement, high-compression motors, even without compression releases. All in a short, compact package.

- 643882** Fits all Evolution and Twin Cam 88 Big Twins from 90-06
- 643883** Fits all big bore Twin Cam 95 Big Twins from 90-06 (high speed)



1.5 kw Starter for late Twin Cams by Terry Components

Available in chrome or black finish

Fits all 06-Up Dyna and 07-Up Softail and Touring models

- 640685** Chrome
- 640686** Black