



Instructions

B&M StarTek Starter

(see www.bmracing.com for the latest vehicle fitment applications and model years)

Part Number 77107– Chrysler 318 & 440

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Proper installation of your *StarTek* Starter is essential for trouble free operation. Please read all instructions before installing your new high performance starter.

INTRODUCTION

This starter can be installed in about an hour by carefully following the instructions. It is suggested that the vehicle be allowed to cool off for a few hours to avoid burns from hot parts, especially any exhaust system components which might be near the starter. The vehicle should be off the ground for ease of installation - jack stands, wheel ramps or a hoist will work fine. **MAKE SURE VEHICLE IS FIRMLY SUPPORTED - DO NOT WORK UNDER A VEHICLE IF IT IS SUPPORTED BY ONLY A JACK!** Try to raise the vehicle 1-2 feet so you will have plenty of room to work.

INSTALLATION

STEP 1. Disconnect battery cables, removing the negative cable first.

STEP 2. Remove the old starter, and make sure the mounting surface is clean and burr free.

STEP 3. Install the new starter with the supplied hardware. Torque mounting bolts to 32 ft-lbs.

STEP 4. Connect the solenoid switch wire. With the amperage being considerable (~30A) to pull the bendix, B&M recommends 12 Ga. wire as a minimum.

STEP 5. Connect the main cable to the starter. Due to the high amperage required to turn the starter motor, it is important to size the wire in accordance to its length. Keep in mind to size all ground wires accordingly as well. Please see Table 1 for cable length versus gage recommendations.

STEP 6. Reconnect the battery terminals, starting with the positive first.

STEP 7. Start the engine. In order to not exceed the duty cycle of the starter, please do not operate the starter for more than 30 seconds at a time. Allow the starter to cool at least two minutes between repeated cycles.

amperage ratings, between 400 to 700 amps.

The gear mesh is not adjustable on this particular starter. Please make sure you have the right starter for your application, and perform a thorough comparison between your original starter and the starter in this box. **Using the starter in the wrong application could prevent you from being able to return the unit.**

Trouble Shooting Information:

Slow Cranking: Generally this can be attributed to low voltage at the starter. The battery should be checked, as well as wire size, terminals, and switches. ***Keep in mind any switches (such as master kill switches used in race cars) must have very high***

Table 1: Cable Length vs. Gage

Starter Cable Length vs. Gage					
Length	3'	5'	7'	10'	10+'
AWG	4	2	1	0	00

Parts List

- (1) B&M StarTek Starter
- (2) Mounting Bolts

Tools List

Jack & Jack Stands
Work Light
Torque Wrench
3/8" Drive Socket Set
1/2" Wrench
9/16" Wrench



Customer Assistance Helpline
Phone: 707-544-4761

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