

Source:	Prestolite Electric Ltd - Greenford, London, UK
Date:	September 7, 2020
Bulletin No:	TSB4079
Models:	MS7 series
Subject:	Supersession fitment information.

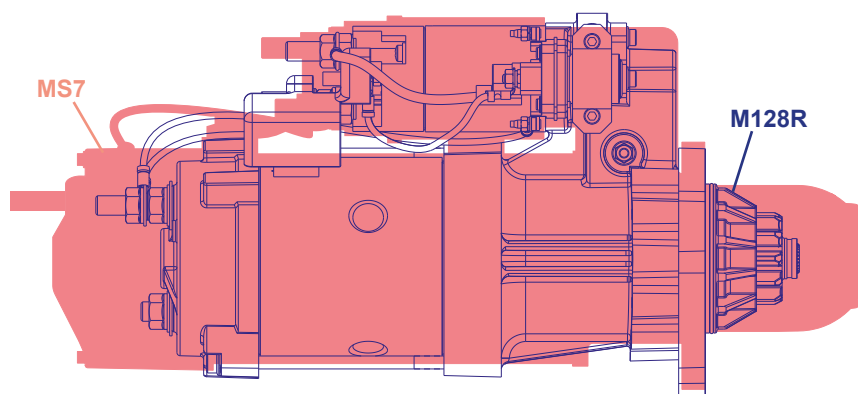
## SUPERSESSON INFORMATION

MS7 series of starter motors have been superseded by M128R type starters where compatible.

The M128R starter motor is a modern gear-reduced starter with a noseless design and smaller size for same performance characteristics.

This makes the starter easier to handle and install compared to the older MS design.

See illustration below of size comparison.



## WEIGHTS

MS7 = 29.4kg (65lbs)

M128R = 17.5kg (38.6lbs)

For specific dimensional detail please contact your Prestolite representative.

## COMPATIBILITY

Mounting and pinion interface features are 100% compatible.

The M128R is fitted with a control relay.

Under no circumstances must this control be removed or electrically by-passed.

Ignition (switch) connection is made on the control relay. See adjacent wiring diagram.

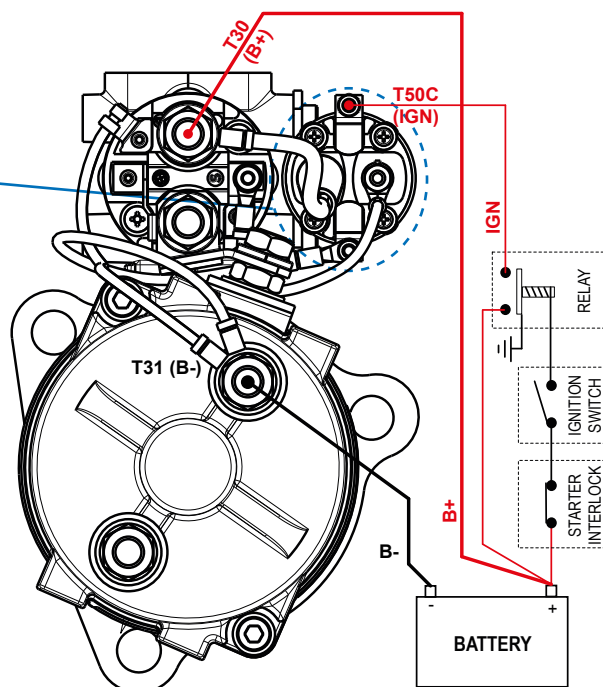
If any doubt, please contact Prestolite tech service on Tel: +44 (0) 20 8231 1137 or email: [eu\\_info@prestolite.com](mailto:eu_info@prestolite.com)

## TERMINAL TORQUE SETTINGS

**T30 (B+) / T31 (B-) / T30B** - Whilst holding base nut, torque outer nut to 24.7 - 27.5 Nm

**T50c (IGN)** - Torque to 2 - 2.5 Nm.

See page 2 for **DUAL STARTER APPLICATION** details.



Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

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## DUAL STARTER APPLICATIONS

Replace both starter on a dual starter application when one of the starter fail.

**Matched starter sets must be used. (Do not use 1x M128R and 1x MS7, or other combination of starters)**

A balance lead (1.5mm<sup>2</sup>) must be used for dual start applications, part number P00207.

Some dual start applications have voltage sense functionality. This is specific to special customer applications and starters. Ignore if system is not equipped with this feature.

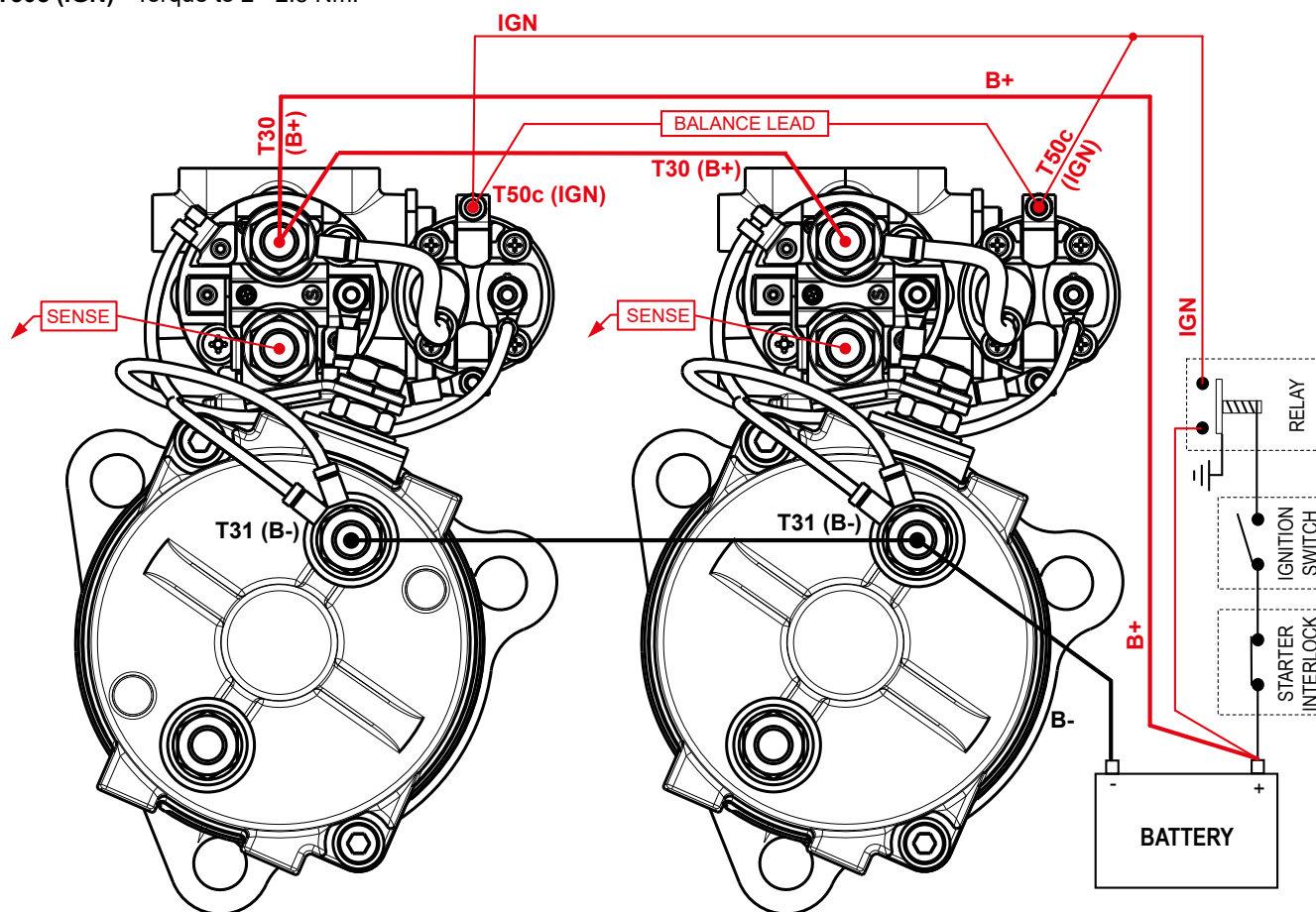
Note that B+ is connected to starter #1, and B- is connected to starter #2. (Or B+ to starter #2 and B- to starter #1)

Do not connect B+ and B- direct to the same starter.

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