

**Source:** Prestolite Electric Leece Neville Heavy Duty Systems  
**Bulletin No:** TWB-0090 **Date:** January 11, 2023  
**Models:** M105HD-SER wiring  
**Subject:** Wiring Diagram



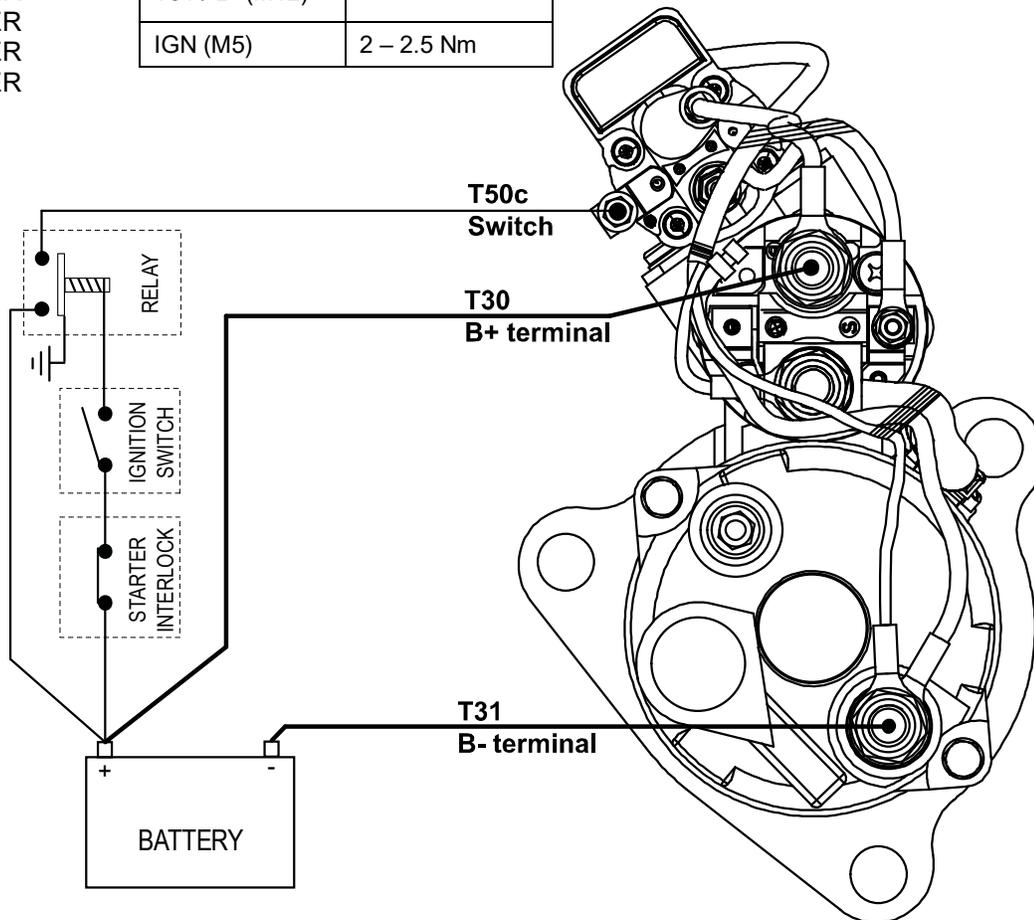
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**Wiring diagram for M105HD starter fitted with iRelay.**

The starter motor is insulated return.  
 The starter is fitted with an intelligent control relay (iRelay). Switch / Ignition connection is made to control relay as shown below.  
 Do NOT bypass or remove the control relay (IMS) from the starting system.

- M105HD3001SER
- M105HD3003SER
- M105HD3004SER
- M105HD3501SER
- M105HD3801SER
- M105HD3803SER
- M105HD3804SER

Terminal tightening torque values	
T30 / B+ (M12) T31 / B- (M12)	24.7 – 27.5 Nm
IGN (M5)	2 – 2.5 Nm



**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:

