

**MODEL:** MY17 and MY18 Karma Revero, and MY12 vehicles

**Published:** February 2018

**TITLE:** Traction Motor and Inverter Location and Nomenclature

**Revised:** April 2018

**APPLICABILITY:** All

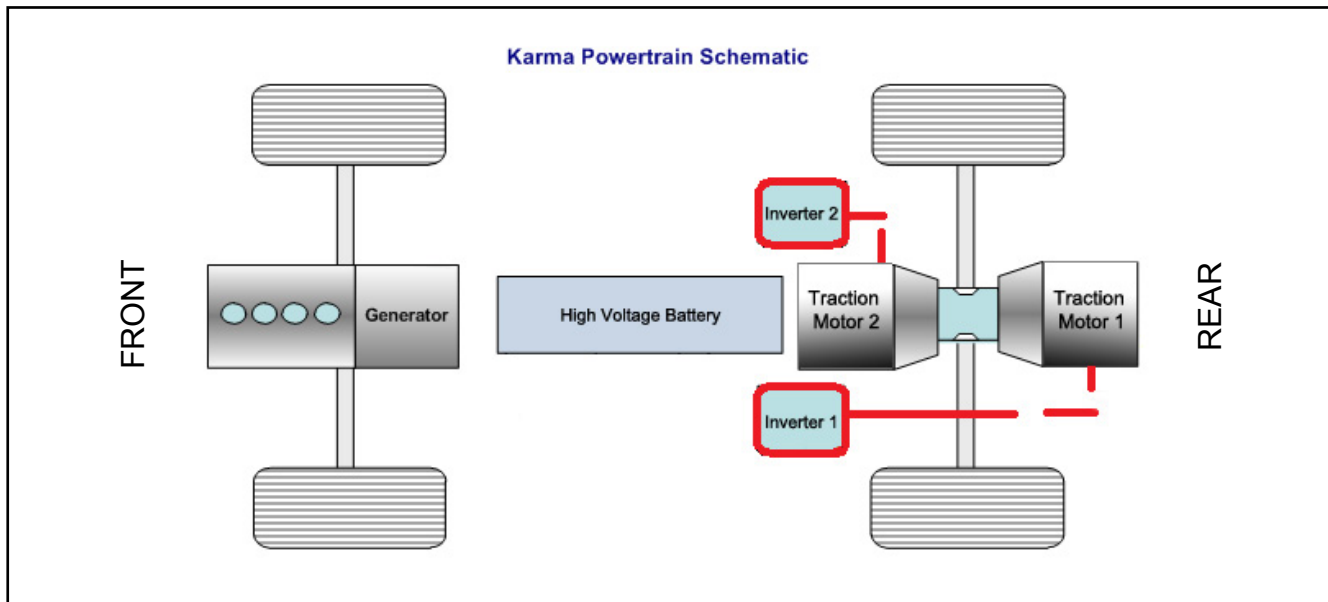
**MARKET REGIONS:** ALL

**PURPOSE:** This Service Tip is to clearly define locations and a consistent name assignment for Traction Motor 1 (TM1), Traction Motor 2 (TM2), and the Power Inverter Modules (PIM's 1 and 2) for the MY12 vehicles and the Karma Revero.

This document supersedes any and all previous documents relating to the traction motors and the inverters' names and locations in workshop manuals, wiring diagrams, training documents, parts catalog, labor ops, etc.

Component Name	Also Known As
<b>Traction Motor 1</b>	Traction Motor A, Drive Motor A, TM1, TM'A'
<b>Traction Motor 2</b>	Traction Motor B, Drive Motor B, TM2, TM'B'
<b>Inverter 1</b>	Power Inverter Module 1, PIM 1, PIM A, Power Inverter Module A
<b>Inverter 2</b>	Power Inverter Module 2, PIM 2, PIM B, Power Inverter Module B

**NOTE:** Traction Motor 1, is the *Rear* most mounted motor.  
 The corresponding Power Inverter Module (PIM) - *Inverter 1* is on the *driver side*.  
 Traction motor 2 is the *fore* mounted motor with the respective *Inverter 2* on the *passenger side*.



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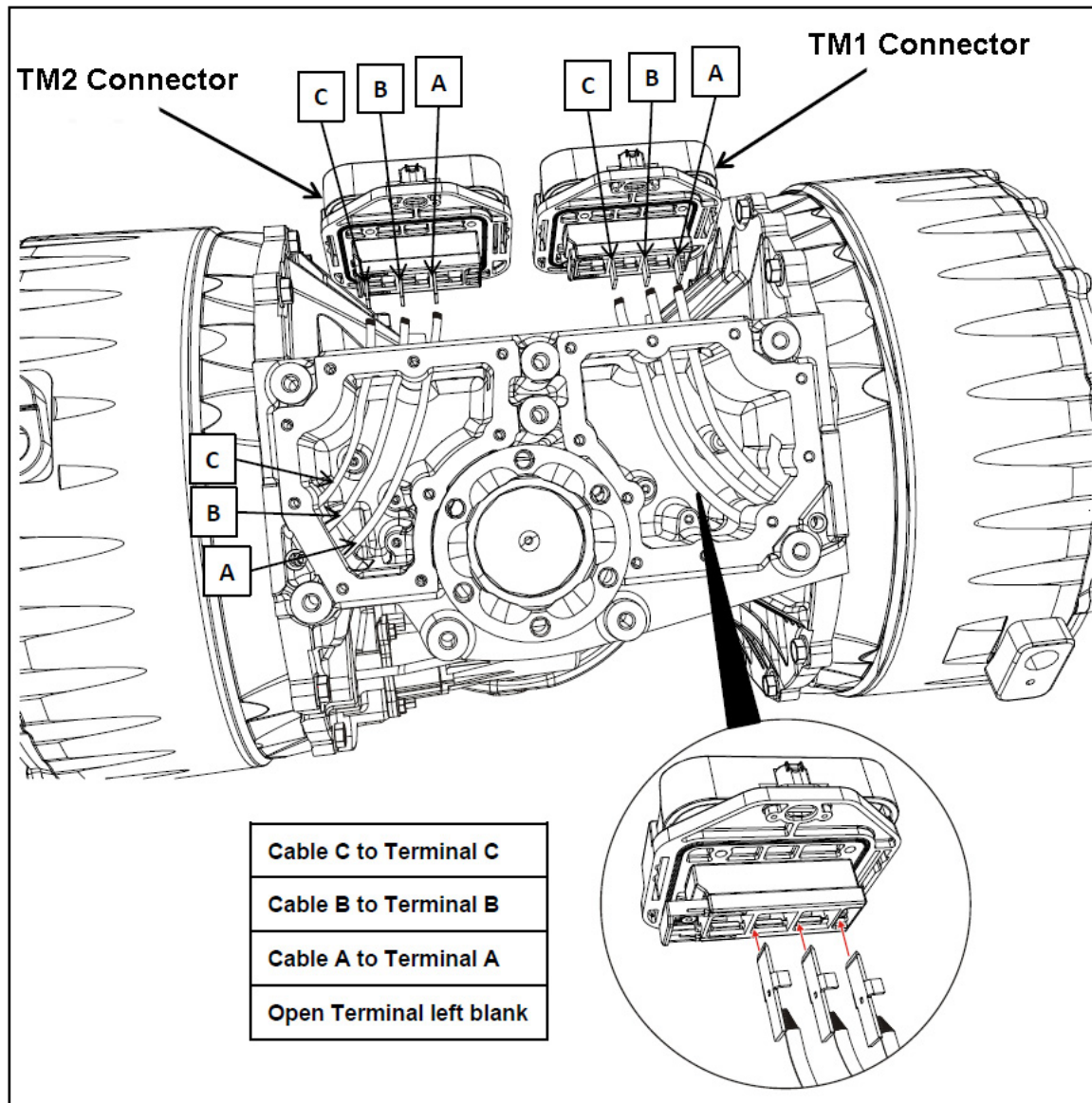
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When servicing the final drive, reassembly of the HV cables in the correct order is critical for correct operation. The HV cables are installed from front to back on both connectors as “C-B-A” as shown below.



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