Electric Power Manager (EPM)

Installation Instructions

1. Install EPM in location specified by vehicle manufacturer. Torque mounting hardware to 3.39 Nm/30 lb. in. See Figure 2 on page 2.

   DANGER: Do not exceed recommended torque. Component damage will result.

2. Connect cables as shown in Figures 1 and 2 in proper stacking order. Tighten to specifications shown in Figure 2.

   DANGER: Do not exceed recommended torque. Component damage will result.

   CAUTION: Support cables within 305 mm/12 in. of EPM. Failure to do so can cause component damage.

3. Simple wiring schematic is shown on page 2.

4. Test components to make sure they operate properly.

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This symbol is used to indicate the presence of hazards that can cause severe personal injury, death or equipment damage.

This symbol is used to indicate the presence of hazards that will cause severe personal injury, death or equipment damage.

This symbol is used to indicate the presence of hazards that can cause minor personal injury or equipment damage.

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Disconnect battery before removing leads. Failure to do so can result in severe personal injury.

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14 V FROM LOAD

AUX CIRCUITS CONNECTOR

EPM CIRCUITS CONNECTOR

28 V FROM LOAD

14 V FROM BATTERY

LABEL: WARNING

Disconnect battery before removing leads.

CAN/J1939 CONNECTOR

Cap must be kept in place when connector is not in use.

28 V FROM BATTERY

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Figure 1 - Cable Arrangement (See Wiring Diagram on Page 2)
M10 x 1.5 Bolt (4 places) – torque to 15 Nm/11 lb. ft.

Do not exceed recommended torque. Component damage will result.

DANGER

Lockwasher (4 places)

Cable (4 places)

M5 hardware (4 places) – torque to 3.39 Nm/30 lb.in.

Do not exceed recommended torque. Component damage will result.

DANGER

Figure 2 - Stacking Order and Torque

Figure 3 - Simple Wiring Schematic

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