

The diagram illustrates the electrical system for the TIPM. At the top, the BATTERY A0 is connected to the TIPM. The TIPM contains a CIRCUIT BOARD (NON-SERVICEABLE) with two IGNITION RUN/START CONTROL OUTPUTS. It also features FUSE 08 (30A) and FUSE 17 (10A). The TIPM is labeled as MODULE-TOTALLY INTEGRATED POWER (TIPM).

Key components and connections include:

- IGNITION RUN/START CONTROL OUTPUT:** Connected to F202 (18 PK/GY) and F20 (20 PK/WT).
- LIN TIRE PRESSURE MONITOR LAN:** Connected to D508 (20 WT/GY) and D508 (20 WT/GY).
- TRANSponder-TIRE PRESSURE-LEFT FRONT:** Connected to Z902 (20 BK/OR) and Z902 (20 BK/OR).
- TRANSponder-TIRE PRESSURE-LEFT REAR:** Connected to Z909 (20 BK/OR) and Z909 (20 BK/OR).
- TRANSponder-TIRE PRESSURE-RIGHT REAR:** Connected to Z906 (20 BK/GY) and Z906 (20 BK/GY).
- GROUND:** Connected to G250, G305, G302, G303, and G300.
- WIRELESS IGNITION:** Connected to CAN B (+) and CAN B (-) via D55 (22 WT/OR) and D54 (22 WT/PK).
- MODULE-TOTALLY INTEGRATED POWER (TIPM):** The central power distribution module.