

Restoring the Distance to Empty Feature (R Lo) For 2008-Up Touring Models (Throttle By Wire)

v.12032010

NOTES: The RUN switch (handlebar / rocker switch) must remain in the ON position for this entire procedure. During this process, you'll have the opportunity to apply dielectric grease to the 73-pin ECM connector, if not already applied. Use of this conductive grease is highly recommended.

Turn ON both the RUN (rocker) switch and the MAIN KEY switch (ignition switch) to begin.

1. Pull the "MAIN" Maxi fuse.
2. Temporarily disconnect the TMax module from the main harness connector.
3. Connect the Stock ECM.
4. Hold the "trip" button down while re-installing the main fuse.
5. Speedometer should light up and appear as though it is locked up.
6. Release the "trip" button and turn the main key switch "OFF".
7. Turn the main key switch on then, using the trip button, verify "R LO" is displayed in the odometer window when cycling through the options.
8. Turn ONLY the main key / ignition switch "OFF".
9. Remove the ECM fuse, re-connect the TMax module and replace the ECM fuse.
DO NOT PULL THE MAIN FUSE FOR THIS PROCESS.
10. Turn the main key switch on. If "R LO" does not appear repeat the process.
11. Re-initialize the ECM by cycling the main key switch on for 20 seconds uninterrupted, then OFF for 5 seconds.
12. Range should start working in roughly 50 miles; you will need to use a tank of fuel to normalize reading.