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Coding Information

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Title: How to Program Mileage in Post-2007 Instrument Clusters (Single or Dual Clusters)

Applies To: All Post-2007 HPV and ProStar

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

07/23/2026 - Updated formatting
07/07/2025 - Updated images to reflect current operating system
06/10/2025 - Added Vehicle Programming Resource Center link
02/16/2009 - Initial Article Release

DESCRIPTION

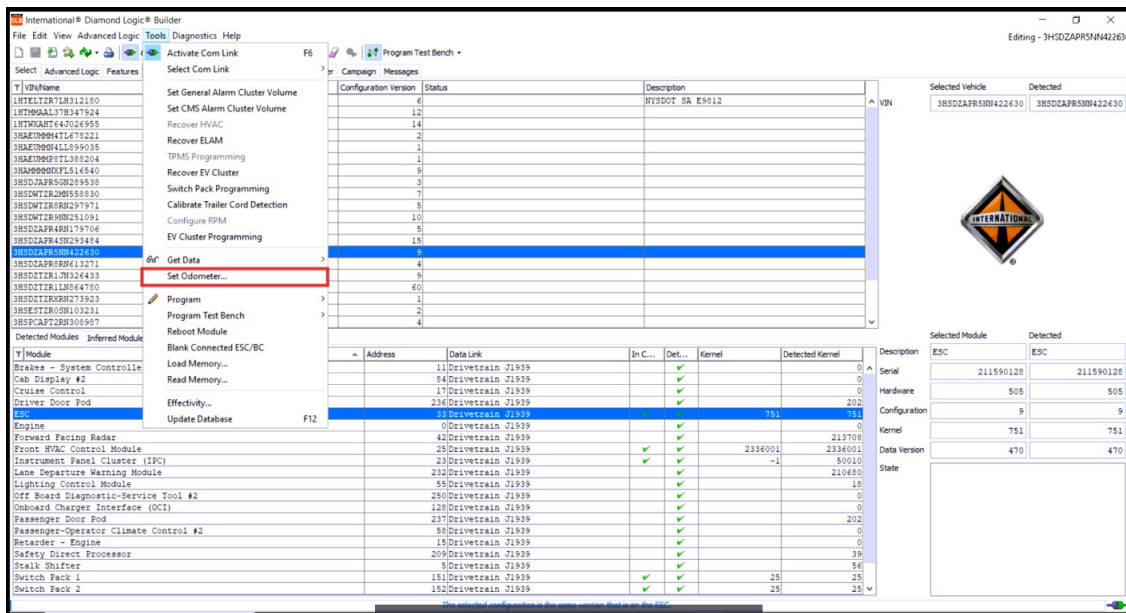
The new clusters in the post-2007 models store the mileage in memory. When replacing the cluster, follow these instructions to program the current vehicle mileage into the memory of the new cluster.

RESOLUTION

Use Diamond Logic Builder (DLB) to program the total miles into the cluster.

1. Connect DLB to the vehicle using the a Nexiq USB Link 1, 2, or 3 Diagnostic Cable.
2. From the top menu in DLB select Tools, then Set Odometer.
3. Follow the on screen instructions.
4. For Troubleshooting see below.

Do not use a Bluetooth or Wireless Vehicle Link to program mileage



Troubleshooting

Level 2 DLB access is required. To obtain access, contact your dealer administrator.

1. If Set Odometer button is greyed out and will not highlight (single cluster) [Click Here](#)
2. If Set Odometer button is greyed out and will not highlight (dual cluster) [Click Here](#)
3. If you get a message that says "Couldn't verify if the odometer was updated. Please verify manually." [Click Here](#)
4. If you have followed all of the steps listed in this document and the mileage still will not program, **disconnect the secondary EGC** (above the center panel) and try again.

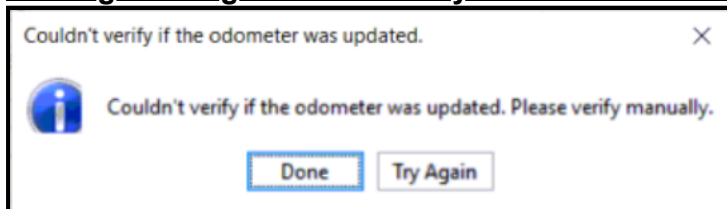
Set Odometer Button is greyed out and will not highlight (Single Cluster)

1. Turn ignition key off.
2. Disconnect EZ-Tech or laptop from vehicle.
3. Close DLB.
4. Reconnect EZ-Tech or laptop to vehicle.
5. Open DLB and reconnect.
6. From the top menu select Tools and Set Odometer.

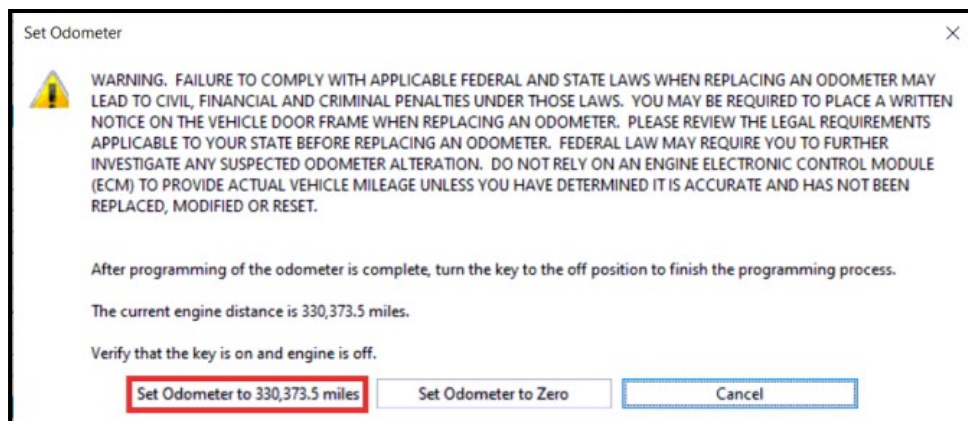
Set Odometer is greyed out and will not highlight (Dual Cluster)

1. Turn ignition key off.
2. Disconnect DLB from vehicle.
3. Physically disconnect the wiring of the right side cluster.
4. Connect DLB to vehicle.
5. From the top menu select Tools and Set Odometer.
6. Key on to obtain engine mileage.
7. Reconnect wiring to the right side cluster.
8. Click Set Odometer to x,xxx.x miles.
9. Verify both clusters are programmed properly.

Message stating "Couldn't verify if the odometer was updated. Please verify manually."



1. Cycle the key and click Try Again and Click Set Odometer to x,xxx.x miles.



2. If you get the same message, click "Try Again".
3. Turn the ignition key off & leave the DLB window open.
4. Remove battery supply to the Body Controller to take it off the datalink.
5. Click Set Odometer to x,xxx.x miles.
6. Verify cluster is programmed.

OTHER RESOURCES

[Master Service Information Site](#)

[RC2600001 - Vehicle Programming Resource Center](#)

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