

Driver Tips

Pre-Trip Inspection Lighting Function

To enable the Two (2) Minute Pre-Trip Inspection function (activation of all lighting and tell-tales):

- Master Power switch to ON,
- Select "NEUTRAL" on the transmission Shift Pad selector,
- Set the Park Brake,
- Reading Light Test switch to the "ON" position.
- Apply and hold a service brake application of 60 psi,

Only after these conditions are met does the Pre-Trip function become enabled, automatically activating all interior/exterior coach lighting and dash tell-tale lights. Buzzer will activate for two (2) minutes.

Main Battery Disconnect Switch

The multiplex modules installed on MCI coaches have been programmed with a system sleep mode. After thirty (30) minutes of no coach system activity, the power management supply module will remove electrical power from all the components connected to the main disconnect switch (now a rotary switch, located in the battery compartment). When the coach goes into sleep mode after thirty (30) minutes, coach power is turned OFF which allows the coach systems to conserve coach power, (providing that the hazard lights and master power switch are in the OFF position).

To turn ON (wake up) power from the exterior of the coach, press the exterior entrance door open switch. To turn ON (wake up) coach power from the interior of the coach when the coach is in sleep mode, press the entrance door open rocker switch or position the ignition rocker switch to the RUN position.

In the event the coach will be shut down for one or more days, position the rotary switch to the DOWN (OFF) position.

Adding Coolant to the System

In the event that coolant needs to be added to the system, follow the Special Coolant Fill Instructions on the decal located in the engine compartment



Reliability Driven™
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Technical Support and Emergency Roadside Assistance
(800) 241-2947



LH Tell-tale Cluster

1. Left Turn Signal lamp
2. Wait to Start lamp
3. Check Engine lamp
4. Stop Engine lamp
5. Low Coolant lamp
6. Not Gen lamp
7. Diesel Particulate Filter (DPF) Regeneration lamp
8. High Exhaust Temperature lamp
9. Diesel Exhaust Fluid (DEF) lamp
10. Malfunction Indicator lamp (MIL)
11. Spare
12. Water in Fuel lamp
13. Park Brake lamp
14. Trailer Park Brake lamp
15. ABS lamp



RH Tell-tale Cluster

16. ATC / Electronic Stability Control (ESC) lamp
17. Service Brake lamp
18. Engine Brake or Retarder lamp
19. Check Transmission lamp
20. Stop Transmission lamp
21. Retarder Temperature lamp
22. Brake Wear lamp
23. Fuel Filter Restriction lamp
24. No Hill Start lamp

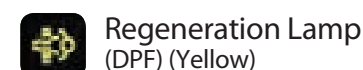


4-in-1 Gauge Tell-tales

28. Cruise Enabled lamp
29. High Beam lamp
30. Right Turn Signal lamp
31. Rear Rise lamp
32. Low Ride lamp
33. Tag Unload lamp
34. Ride Fault lamp
35. Kneel lamp
36. High Ride lamp
37. Wheelchair Lift Door Open lamp
38. Wheelchair Interlock lamp
39. Front (Entrance) Door Open lamp
40. Wheelchair Stop Request lamp
41. Stop Request lamp
42. Auxiliary Heat lamp
43. Fire Alarm lamp
44. Emergency Lights lamp
45. Dock Lights lamp
46. Engine Service Light lamp
47. Bike Rack lamp
48. Check Lube lamp
49. Back-up Alarm Off lamp
50. Jump Door Open lamp
51. Lavatory Emergency lamp
52. Water Temperature lamp
53. Rear Air PSI lamp
54. Front Air PSI lamp
55. Oil Pressure lamp

2010 EPA Regeneration Tell-Tales

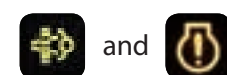
When you see this:



Regeneration Lamp (DPF) (Yellow)

Do this:

➔ DPF tell-tale indicates a regeneration is required. If possible, maintain road speed above 5 mph for a minimum of twenty (20) minutes for the system to do an automatic regen. If not possible, and the DPF tell-tale is ON solid, perform a stationary regen within two (2) hours. If DPF tell-tale is flashing, perform a stationary regen in less than one (1) hour.



Regeneration Lamp (DPF) (Yellow) and High Exhaust Temperature Lamp (HET) (Yellow)

➔ Engine power is de-rated, regeneration required. Move the coach to a safe location and perform stationary regen within thirty (30) minutes.



Regeneration Lamp (DPF) (Yellow), High Exhaust Temperature Lamp (HET) (Yellow), and Malfunction Indicator Lamp (MIL) (Yellow)

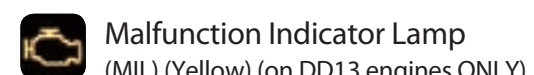
➔ Engine power is de-rated or engine shutdown has been engaged. Regeneration locked out and cannot be performed. Service is required. Contact Motor Coach Industries or engine manufacturer for assistance. Red stop engine light tell-tale ON solid first, then flashing indicates thirty (30) seconds to shutdown. Once shutdown, coach may need to be towed.

Other 2010 EPA Tell-Tales



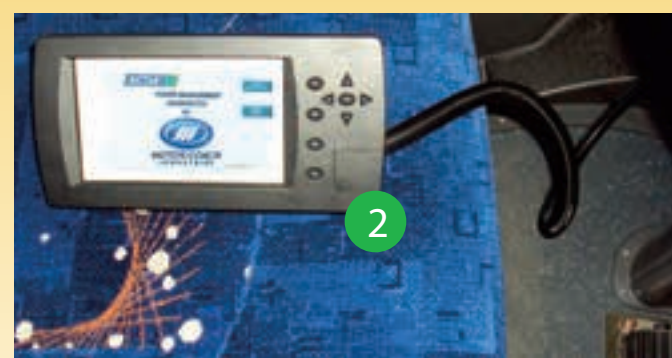
High Exhaust Temperature Lamp (HET) (Yellow)

➔ Nothing. Tell-tale is only active when coach is below 5 mph. When illuminated, the exhaust temperature is > 750° F (400° C) This tell-tale can be ON in conjunction with other tell-tales.

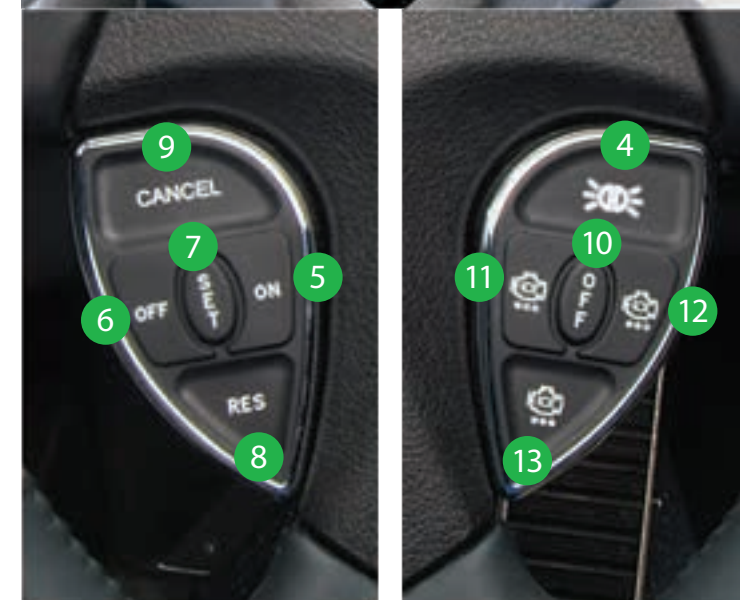


Malfunction Indicator Lamp (MIL) (Yellow) (on DD13 engines ONLY)

➔ Tell-tale indicates a failure of an emission system component. Seek service from a Detroit Diesel service facility.



1. New instrument panel gauges
2. LCD Diagnostic Interface, located in the front, curbside parcel rack, featuring touch screen and button control. There are three (3) interface port locations on the coach:
 1. Underneath the instrument panel,
 2. In the rear junction box (baggage bay compartment #3), and
 3. Bottom face of the engine compartment remote control box.
3. AMEREX Fire Suppression System Control Panel
4. Driver Courtesy YO Light Switch
5. Cruise Control—ON Switch
6. Cruise Control—OFF Switch
7. Cruise Control—SET Switch
8. Cruise Control—RESUME Switch
9. Cruise Control—CANCEL Switch
10. Jake Brake Control—OFF
11. Jake Brake Control—LOW
12. Jake Brake Control—MEDIUM
13. Jake Brake Control—HIGH



Driver's Guide

J4500

Equipped with ACTIA multiplex system



Reliability Driven™



Lower LH Console

1. 110 Volt Switch
2. Mud/Snow Switch
3. Fast Idle Switch
4. Tag Axle Unload Switch (shrouded)
5. Rear Rise Switch (shrouded)
6. LH Blind Switch
7. RH Blind Switch
8. Cup Holder
9. Front Service Compartment/T-Handle Door Release
10. Emergency Park Brake Release Valve
11. Transmission Control (Push Button Shift Selector)
12. Headlight Switch
13. Mirror Switches
14. 12 Volt Power Source
15. Anti-Slip Pad
16. Wheelchair Lift Key Switch
17. Seat Belt Cutter

Vehicle Specifications may change without notice.

ACTIA MULTIPLEX SPEEDOMETER MESSAGE CENTER



A two button user interface enables navigation to the following screens on the speedometer alphanumeric display:

- Press the TRIP button to display the Odometer screen. Toggle between Trip A and Trip B by pressing the TRIP button.
- Press the MODE and TRIP buttons together four (4) times within four (4) seconds to enter Silent Mode. Coach speed less than 3 mph cancels the Silent Mode feature.
- Press the MODE button for five (5) seconds to display the Gauge Diagnostics screen. Toggle thru the screen menu to select features such as English or Metric units, LCD Display Contrast and Instrument Diagnostic menu. This feature closes if a button is not pressed with four (4) seconds.
- Features such as Starter Diagnostics Messages, CommError Messages and Other Information Messages may appear on the screen based on that specific application programming.

Dashboard Controls

1. Interior Light Switch
2. Reading Light Switch with test-light function
3. Dimmer/Reading Light Switch
4. Baggage Bay Light Switch
5. LH Baggage Door Lock Switch
6. RH Baggage Door Lock Switch
7. Kneeling Switch
8. Entrance Door Open/Close Switch
9. Panel Light Switch
10. Driver's Light Switch
11. Stepwell Light Switch
12. Blue LED Light Switch
13. Hazard/Warning Light Switch
14. Mirror Heat Switch
15. Mirror Heat Switch
16. Parcel Rack Blower Switch
17. Auxiliary Heater Switch
18. Override Switch
19. Master Power Switch
20. Engine Start Switch
21. Speedometer with Alpha-Numeric Display
22. 4-in-1 gauge with Tell-tales
23. 3-in-1 gauge
24. Transmission Temperature Gauge with Tell-tale
25. Voltmeter Gauge with Tell-tale
26. SmartTire® /SmartWave® Full Functional Display
27. Driver's Fan
28. Driver's Heat Control
29. Micromate Control Panel
30. Park Brake Valve
31. Turn Signal / Air Horn / Windshield Washer and Wiper Controller
32. Tell-tale Clusters
32. Vents
34. Entertainment System Controls
35. Driver's Storage Drawers
36. Back-up Camera Monitor

