

Vehicle 4 Stationary Tests

V4-S1 – ABC (5 minutes @ idle, 5 minutes @ 1150 rpm, 2 minutes @ idle) E (NEW file)

Key ON

Start IUMPR application

Select Adapter

If cable not plugged in, must unselect and reselect

[A] Select File NEW – V4-S1

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 5 minutes @ idle

Increase engine speed to 1150 rpm – 5 minutes @ 1150 rpm

Return to idle – 2 minutes @ idle

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

[E] Collect Test Results

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Key OFF

Copy the output file V4-S1 to a new name (V4-S1-prev) for the next run

V4-S2 – mismatched VIN – Cummins2, Navistar2

[A] Select V2-S1 (file from V2) as report file.

Note application results.

Timeout reading cals

Had to read vehicle infor

VIN mismatch

V4-S3 – ABC (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select NEW – V4-S3

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 2 minutes @ idle

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Copy the output file V4-S3 to a new name (V4-S3-prev) for the next run

V4-S4 – ABC, ABC, ABCE (existing file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File Existing – V4-S3

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 15 seconds @ idle

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Start IUMPR application

Select Adapter

[A] Select File Existing – V4-S3

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 15 seconds @ idle

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Start IUMPR application

Select Adapter

[A] Select File Existing – V4-S3

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 15 seconds @ idle

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

[E] Collect Test Results

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Engine OFF

Copy the output file Vx-S3 to a new name (V4-S4-prev) for the next run

Vehicle 4 Driving Tests

[Technician to do the driving with Eric, Matt, or Joe in the passenger seat.]

V4-D1 (COLD CYCLE) – ABCE (existing file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File existing – V4-D1

Read Vehicle Info

Start Engine and Drive

[B] Generate Vehicle Data Plate

Drive to Schedule D:

Speed	Duration
16 MPH	2 minutes
22 MPH	5 minutes
34 MPH	4 minutes
42 MPH	1 minute
48 MPH	3 minutes

[C] Track Monitor Completion Status

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

[E] Collect Test Results

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Key OFF

Copy the output file to a new name (V4-D1-prev) for the next run

V4-D2 (HOT CYCLE) – ABCE (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File existing – V4-D1

Read Vehicle Info

Start Engine and Drive

[B] Generate Vehicle Data Plate

Drive to Schedule H:

Speed	Duration
16	1 minute
MPH	
22	3 minutes
MPH	
34	4 minutes
MPH	
42	2 minutes
MPH	
48	5 minutes
MPH	

[C] Track Monitor Completion Status

Click the “Stop Tracking Monitor Completion Status” button. Status View window will close.

Allow Function to complete (no more data being written to Report Logger)

[E] Collect Test Results

Allow Function to complete (no more data being written to Report Logger)

Click “Stop” to stop data collection. Click “Stop” to stop data collection.

Close IUMPR application (hit the X in the upper right corner)

Key OFF

Copy the output file to a new name (V4-D2-prev) for the next run