

Vehicle 2 Stationary Tests

V2-S1 – ABC (5 minutes @ idle, 5 minutes @ 1150 rpm, 2 minutes @ idle) E (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File NEW – V2-S1

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 5 minutes @ idle **Stopped after 1 min – ran twice**

Increase engine speed to 1150 rpm – 5 minutes @ 1150 rpm **Stopped after 1 min – ran twice**

Return to idle – 2 minutes @ idle **Timeout error reading time since code clear**

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 V2-S1 to a new name (V2-S1-prev) for the next run

V2-S2 – mismatched VIN – Navistar2, Cummins2

[A] Select V4-S1 (file from V4) as report file.

Note application results.

File cannot be used

Date is in future

V2-S3 – ABC (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select NEW – V2-S3

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 2 minutes @ idle **Stopped on its own**

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 V2-S3 to a new name (V2-S3-prev) for the next run

V2-S4 – ABC, ABC, ABCE (existing file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File Existing – V2-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 – V2-S3

Read Vehicle Info

[B] Generate Vehicle Data Plate no HD OBD modules were detected

Turn Engine OFF

Key ON

Start IUMPR application

Select Adapter

[A] Select File Existing – V2-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)

Turn Engine OFF

Key ON

Start IUMPR application

Select Adapter

[A] Select File Existing – V2-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 V2-S3 to a new name (V2-S4-prev) for the next run

V2-S5 – mismatched VIN – Navistar2, Navistar1

[A] Select V1-S1 (file from V1) as report file.

Note application results.

VIN mismatch error

V2-S6 – ABC (5 minutes @ idle, 5 minutes @ 1150 rpm, 2 minutes @ idle) (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File NEW – V2-S6

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 5 minutes @ idle Stopped on its own 1 min, 30 sec

[C] Increase engine speed to 1150 rpm – 5 minutes @ 1150 rpm Stopped on its own 1 min, 15 sec

[C] Return to idle – 2 minutes @ idle Stopped on its own 1 min, 55 sec

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)

Key OFF

Copy the output file V2-S6 to a new name (V2-S6-prev) for the next run

V2-S7 – ABC, ABE (existing file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File existing – V2-S6

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 5 minutes @ idle **timeout reading VIN – restart [C] – stopped on its own after 1 min**

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 – V2-S6

Read Vehicle Info

[B] Generate Vehicle Data Plate

[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 V2-S6 to a new name (V2-S7-prev) for the next run

V2-S8 – Engine stops communicating (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File NEW – V2-S8

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 5 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)

Key OFF

[C] stopped on its own

Click “Stop” to stop data collection.

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

Copy the output file to a new name (V2-S8-prev) for the next run

V2-S9 – Start engine during data collection (NEW file)

Start IUMPR application

Select Adapter

[A] Select File existing – V2-S9

Read Vehicle Info – **timeout error**

Key ON

Read Vehicle Info (again)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status

Note application response. **Calibration mismatch**

Start Engine

[C] Track Monitor Completion Status **Calibration mismatch**

~~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 (V2-S9-prev) for the next run

V2-S11 (vehicle V2 only) – ABCECCECCECE (new file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File NEW V2-S11

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 15 seconds @ idle **stopped on its own after 15 sec**

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)

[C] Track Monitor Completion Status – 15 seconds @ idle **timeout reading VIN – repeat [C]**

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)

[C] Track Monitor Completion Status – 15 seconds @ idle **timeout reading VIN – repeat [C] stopped on its own after 15 sec**

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)

[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)

[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)

[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 to a new name (V2-S11-prev) for the next run

Vehicle 2 Driving Tests

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

V2-D1 (COLD CYCLE) – ABCE (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File NEW – V2-D1

Read Vehicle Info

Start Engine and Drive

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status

Drive to Schedule B:

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

“temporal” error at each speed interval – restarted [C]

Timeout reading VIN during 48MPH interval

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 (Vx-D1-prev) for the next run

V2-D2 (HOT CYCLE) – ABCE (existing file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File existing – V2-D1

Read Vehicle Info

Start Engine and Drive

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status

Drive to Schedule F:

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

“temporal” error at each speed interval – restarted [C]

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 (V2-D2-prev) for the next run