

Vehicle 1 Stationary Tests

V1-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 – V1-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 V1-S1 to a new name (V1-S1-prev) for the next run

GD observed

V1-S2 – mismatched VIN – Navistar1, Cummins1

[A] Select V3-S1 (file from V3) as report file.

Note application results.

Used file from V4 (V4-S1?)

File error “VINS do not match”

V1-S3 – ABC (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select NEW – V1-S3

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 2 minutes @ idle (1:59)

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 V1-S3 to a new name (V1-S3-prev) for the next run

Monitor Completion for Engine Fuel System Monitor observed (after second trip?)

V1-S4 – ABC, ABC, ABCE (existing file)

Key ON

Start IUMPR application

Select Adapter

~~Start Engine (idle)~~

[A] Select File Existing – V1-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 – V1-S3

Read Vehicle Info

~~Start Engine (idle)~~

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 15 seconds @ idle (2:12)

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 – V1-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 V1-S3 to a new name (V1-~~S4-S3~~-prev2) for the next run

V1-S5 – mismatched VIN – Navistar1, Navistar2

[A] Select ~~V2-S1 (file from V2)~~ as report file. (used V4)

Note application results.

File cannot be used

~~V1-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 – V1-S6~~

~~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)~~

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

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

~~Key OFF~~

~~Copy the output file V1-S6 to a new name (V1-S6-prev) for the next run~~

SKIPPED

Copied V1-S1-GD to V1-S6

V1-S7 – ABC, ABE (existing file)

Key ON

Start IUMPR application

Select Adapter

Start Engine

[A] Select File existing – V1-S6

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate

[C] Track Monitor Completion Status – 5 minutes @ idle (2:29)

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 – V1-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 V1-S6 to a new name (V1-S7-prev) for the next run

Application records Comm failure with key (CANalyser setup)

33% no faults

V1-S7-BLF

V1-S8 – Engine stops communicating (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File ~~existing~~-NEW – V1-S8

Read Vehicle Info

Start Engine

[B] Generate Vehicle Data Plate (2:43)

[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~~

Click “Stop” to stop data collection.

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 Engine is not communicating

Key OFF

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

Copy the output file to a new name (V1-S8-prev) for the next run

Saved V1-S8-BLF

observed MIL

SPN 696, SPN 19 (Comm)

~~V1-S9—Start engine during data collection (NEW file)~~

~~Start IUMPR application~~

~~Select Adapter~~

~~{A} Select File existing—V1-S9~~

~~Read Vehicle Info~~

~~Key ON~~

~~Read Vehicle Info (again)~~

~~{B} Generate Vehicle Data Plate~~

~~{C} Track Monitor Completion Status~~

~~Note application response.~~

~~Start Engine~~

~~{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 (V1-S9-prev) for the next run~~

Skipped

V1-S10 – AB, ABC, ABE (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File ~~existing~~ NEW V1-S9

Read Vehicle Info

Start Engine (idle)

[B] Generate Vehicle Data Plate

Stop data collection

Close IUMPR application

Start IUMPR application

Select Adapter

[A] Select File Existing – ~~V1-S10~~ V1-S9

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)

Copy the output file to a new name (V1-S10-~~prev~~) for the next run

Start IUMPR application

Select Adapter

[A] Select File Existing – V1-S10

Read Vehicle Info

~~Start Engine (idle)~~

[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)

Engine OFF

Copy the output file to a new name (V1-S10-~~prev~~) for the next run

V1-S1-BLF

Vehicle 1 Driving Tests

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

V1-D1 (COLD CYCLE) – ABCE (existing file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File NEW – V1-D1

Read Vehicle Info

Start Engine and Drive

[B] Generate Vehicle Data Plate

Drive to Schedule A:

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

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

Key OFF

Copy the output file to a new name (V1-D1-prev) for the next run

Not supported:

Misfire?

EGR?

VVT?

Exh gas Sensor?

A/C (check)

Cold Start (check)

Sec Air (check)

Evap (check)

EATA (3 way)

Boost Cond?

Veh Warn Lamp @ 11:26

V1-D2 (HOT CYCLE) – ABCE (NEW file)

Key ON

Start IUMPR application

Select Adapter

[A] Select File existing – V1-D1

Read Vehicle Info

Start Engine and Drive

[B] Generate Vehicle Data Plate

Drive to Schedule E: (Start at 11:42)

Speed	Duration
16	1 minute
MPH	
22	5 minutes
MPH	(11:44) – 1800 rpm
34	3 minutes
MPH	(11:49) – 1900 rpm
42	4 minutes
MPH	(11:52)
48	2 minutes
MPH	1600 rpm

[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 (V1-D2-prev) for the next run