

EMISSIONS SUMMARY REPORT

Vehicle ID:	X4XXX5644 / 052M077	Test ID:	X4XXX5644_SC032X020719050801 / 1111011084
Test Req:	082012190504-7	Location:	CHRYSLER TECH CENTER
Test Type:	SC03(2X)	Facility:	Test Cell 7
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	88339	Fuel Anal.#:	10762
AutoLoad File:	None	INCA Project File:	MY14WK_ConsentDecree_2.exp
Cell Temp Set Pt:	95	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 Grand CherBLACK

Start Time:	05/08/2019 12:02:51
Trace End:	05/08/2019 12:31:59
Inertia Weight:	6000
Road Load Coeff A:	13.77
Road Load Coeff B:	.5116
Road Load Coeff C:	0.02400
Hum. Set Pt (Grains):	100.00
Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline after application of AEM and 1000miles accumulated on MA.

Seq. Purpose: MY14 WK baseline with AEM applied

Individual Cycles:(Grams/Mile)		Tailpipe:										
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.2143	.0095	.2469	.1579	.0119	4945.9	.0000	.0000	7.9	2.0570		.004
Cycle2	.0717	.0080	.0711	.2485	.0668	527.5	.0603	.0109	130.8	19.2862		.991
Cycle3	.0182	.0015	.0210	.0109	.0734	540.4	.0666	.0114	59.8	18.8416		.394
Cycle4	.0186	.0019	.0193	.0104	.0214	511.5	.0182	.0045	101.0	19.8717		.749
Cycle5	.0027	.0002	.0062	.0080	.0008	353.0	.0002	.0000	133.1	28.8246		1.212
Cycle6	.0087	.0003	.0169	.0160	.0008	558.5	.0000	.0000	54.7	18.2343		.233

Modal Test Results:(Grams)												
Phase: 1												
	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG		
IDLE	.0033	.0001	.0041	.0026	.0004	94.7	.0000	.0000	35.4	107.1032		0
ACCEL	.0664	.0054	.0676	.1346	.1072	1150.4	.0983	.0177	256.4	8.8454		0
CRUISE	.0024	.0002	.0037	.0041	.0003	155.3	.0000	.0000	56.5	65.6478		0
DECEL	.0262	.0047	.0304	.1313	.0044	297.0	.0015	.0010	138.9	34.2290		0
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.0	.0000		0
TOTAL	.0983	.0103	.1058	.2726	.1123	1697.4	.0998	.0187	487.3			0
Phase: 1 <u>Equivalent Mass Results: (Grams/Mile)</u>												
	.0274	.0029	.0295	.0761	.0314	473.7	.0279	.0052	487.3	21.4584	0	3.583

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.02573	.06730	.03093	469.787	.00540	.02553	.0363	.03633	0.02927	21.6414

Drive Metrics:	
CSI	RMS
1.956	.263

SAE Drive Metrics:										
CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)	

Emission Summary Report

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Phase: 1 4,950,150 4,864,870 1.753 5,766.6 5,760.9 0.100 1.624 0.570 0.790 0.4377

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2019 12:51:15

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.016
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.860
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.809
MINI DILUTER T/P DILUTION RATIO	8.730
Weighted Dilution factor	25.390
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	2
Threshold	350
CVS K Coeff	539.114
Solar Intensity (in percent)	90.000
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
Solar Profile Name	JA_850
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y

Test Options

Emission Summary Report

Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y
Solar Required	Y

Sequence Purpose

MY14 WK baseline with AEM applied

Req Spcl Inst

With the vehicle on, close all windows 1) For automatic systems press the Auto button and set temp to 72F(22 C). ** a) Do not depress any other buttons on HVAC 2) For Manual systems ** a) Turn AC on ** b) Set AC max ** c) Set system to recirculate ** d) Set fan speed to highest setting ** e) Set temperature to coldest setting
Connect DCAN Cable – Automatically setting ROLLS MODE!

Shift Comments

D| Dual Exhaust

Sampling Type List

None -- None -- DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

Emissions baseline after application of AEM and 1000miles accumulated on MA.

Informational Report Comments

SolInit – Solar simulator is in manual mode. Please place in remote mode.

SolStop – Do you want to keep the solar lights on?