

EMISSIONS SUMMARY REPORT

Vehicle ID:	X6XXX8088 / 045M712	Test ID:	X6XXX8088_SC032X020719060601 / 1111011467
Test Req:	082012190660-7	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:	80107	Fuel Anal.#:	10762
AutoLoad File:	None	INCA Project File:	X6XXX8088_WorkSpace.exp
Cell Temp Set Pt:	95	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM WHITE

Start Time:	06/06/2019 11:35:59
Trace End:	06/06/2019 12:05:48
Inertia Weight:	6500
Road Load Coeff A:	14.90
Road Load Coeff B:	.1843
Road Load Coeff C:	0.03434
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: MY16 DS baseline with AEM applied

Individual Cycles:(Grams/Mile)		Tailpipe:										
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.2989	.0222	.2929	.1242	.0158	4792.4	.0000	.0000	7.5	2.1230		.004
Cycle2	.0958	.0221	.0885	.6020	.1387	536.9	.1305	.0211	143.8	18.9055		.991
Cycle3	.0394	.0075	.0393	.0208	.1023	513.3	.0934	.0209	65.2	19.8299		.392
Cycle4	.0075	.0012	.0092	.0100	.0188	542.4	.0159	.0033	105.2	18.7732		.755
Cycle5	.0058	.0013	.0063	.0062	.0008	369.9	.0000	.0000	141.8	27.4996		1.208
Cycle6	.0150	.0013	.0193	.0123	.0007	585.9	.0000	.0000	54.6	17.3630		.232

Modal Test Results:(Grams)

Phase: 1												
	HC	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles		
IDLE	.0037	.0004	.0040	.0042	.0004	107.5	.0000	.0000	36.5	95.0899		0
ACCEL	.1003	.0203	.0932	.5884	.1787	1202.3	.1696	.0281	270.3	8.4570		0
CRUISE	.0043	.0007	.0042	.0030	.0005	158.3	.0004	.0000	58.2	64.3988		0
DECEL	.0196	.0062	.0220	.0272	.0132	279.2	.0079	.0035	153.1	36.4580		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000		0
TOTAL	.1278	.0276	.1234	.6229	.1930	1747.4	.1779	.0316	518.1			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)												
	HC	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles		
	.0357	.0077	.0344	.1738	.0539	487.7	.0496	.0088	518.1	20.8358	0	3.583

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.04007	.25388	.05429	491.326	.01281	.03378	.0671	.06710	0.04440	20.7022

Drive Metrics:

CSI	RMS
.622	.230

SAE Drive Metrics:

CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
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Emission Summary Report

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Phase: 1 5,125,060 5,051,750 1.451 5,768.4 5,761.5 0.119 1.313 0.020 0.676 0.3863

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 06/06/2019 12:19:30

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.016
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.857
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.841
MINI DILUTER T/P DILUTION RATIO	8.670
Weighted Dilution factor	24.230
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	25
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

MY16 DS 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.

ProcLnch – Initialization failure for INCA! Retry?

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