

EMISSIONS SUMMARY REPORT

Vehicle ID:	X4XXX6788 / 030M102	Test ID:	X4XXX6788_SC032X020719050801 / 1111011089
Test Req:	082012190491-7	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:	79083	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 17:38:19
Trace End:	05/08/2019 18:07:31
Inertia Weight:	6000
Road Load Coeff A:	19.55
Road Load Coeff B:	.4196
Road Load Coeff C:	0.02464
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	.2012	.0158	.2265	.1925	.0070	4881.0	.0000	.0000	7.6	2.0844		.004
Cycle2	.0845	.0048	.0947	.0764	.0382	522.0	.0356	.0058	122.4	19.4793		.989
Cycle3	.0199	.0010	.0261	.0126	.0547	494.5	.0509	.0125	55.0	20.5955		.393
Cycle4	.0070	.0004	.0103	.0123	.0100	490.4	.0081	.0025	99.9	20.7654		.750
Cycle5	.0053	.0010	.0059	.0093	.0002	350.5	.0000	.0000	121.1	29.0712		1.209
Cycle6	.0177	.0032	.0173	.0182	.0003	540.0	.0000	.0000	47.5	18.8410		.233

Modal Test Results:(Grams)

Phase: 1

IDLE	.0035	.0003	.0039	.0031	.0001	91.9	.0000	.0000	34.1	110.5953		0
ACCEL	.0810	.0049	.0901	.0855	.0650	1118.2	.0605	.0123	241.4	9.0986		0
CRUISE	.0036	.0006	.0035	.0044	.0001	148.7	.0000	.0000	47.2	68.2883		0
DECEL	.0199	.0017	.0263	.0131	.0019	288.7	.0008	.0002	130.8	35.2008		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000		0
TOTAL	.1080	.0075	.1238	.1060	.0672	1647.5	.0613	.0125	453.5			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	.0302	.0021	.0346	.0296	.0188	460.4	.0171	.0035	453.5	22.1145	0	3.578
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.03015	.02000	.01891	455.631	.00403	.03295	.0229	.02294	0.03485	22.3084

Drive Metrics:

CSI	RMS
-1.942	.238

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 4,884,650 4,864,970 0.405 5,758.6 5,760.9 -0.041 0.443 -0.665 0.178 0.3954

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / brl2 Date: 05/08/2019 19:25:55

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.015
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.832
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.846
MINI DILUTER T/P DILUTION RATIO	8.740
Weighted Dilution factor	26.040
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	30
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

Engr. SpclInst

DiagRA data needs taken before and after each sequence

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

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