EMISSIONS SUMMARY REPORT

Vehicle ID:	**X5XXX3264 / 031M160**	Test ID:	**X5XXX3264_SC032X020719072701 / 1111012132**		
Test Req:	**082012190849−7**	Location:	CHRYSLER TECH CENTER		
Test Type:	**SC03(2X)**	Facility:	**Test Cell 7**	Start Time:	**07/27/2019 10:36:39**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**07/27/2019 11:05:44**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	6.85
Start Odometer:	67239	Fuel Anal.#:	10762	Road Load Coeff B:	.1182
AutoLoad File:	None	INCA Project File:	X5XXX3264.exp	Road Load Coeff C:	0.03444
Cell Temp Set Pt:	95	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	100.00
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM GRAY	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline after applying AEM and accumulating 1000 miles on the SRC cycle.

Seq. Purpose: MY15 DS baseline with AEM applied

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.1900	.0178	.1927	.1255	.0175	4668.1	.0000	.0000	8.5	2.1795		.005
Cycle2	.0700	.0117	.0666	.0186	.1234	533.6	.1174	.0160	138.8	19.0468		.992
Cycle3	.0347	.0061	.0320	.0103	.1204	551.3	.1094	.0206	65.1	18.4637		.399
Cycle4	.0224	.0049	.0198	.0101	.0254	558.5	.0230	.0030	110.0	18.2008		.755
Cycle5	.0081	.0023	.0070	.0077	.0008	393.8	.0005	.0000	146.0	25.8243		1.212
Cycle6	.0133	.0012	.0172	.0140	.0003	624.3	.0000	.0000	51.7	16.3059		.231

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0045	.0007	.0044	.0027	.0004	121.0	.0000	.0000	37.6	84.0867	0	
ACCEL	.0861	.0140	.0802	.0301	.1785	1213.6	.1705	.0238	275.4	8.3799	0	
CRUISE	.0044	.0009	.0040	.0034	.0010	176.5	.0009	.0000	55.4	57.4864	0	
DECEL	.0190	.0052	.0186	.0072	.0108	305.5	.0066	.0026	151.7	33.3550	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0	
TOTAL	.1140	.0208	.1072	.0434	.1906	1816.6	.1780	.0264	520.1		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0317	**.0058**	**.0298**	**.0121**	**.0530**	**505.4**	**.0495**	**.0073**	**520.1**	**20.1455**	**0**	**3.595**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.03050	.00799	.05328	494.101	.00698	.02693	.0603	.06026	0.03217	20.5939

Drive Metrics:

CSI	RMS
1.266	.265

SAE Drive Metrics:

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

Phase: 1	4,855,990	4,747,630	2.282	5,784.6	5,761.1	0.407	1.834	0.666	0.982	0.4402

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / tdk29 Date: 07/27/2019 12:20:37

Validator's Comments: Error Description(Integrity) Unit Value Low Limit High Limit SC03 (3/3) Dilution Ratio Check > Limit ratio 24.3 7.0 20.0 Phase (1) Ambient Concentration Bag (CO) < Limit ppm Ð.1 0.0 2.0 FILTERFILPDROP < Limit pass/fail 0.0 2.0 THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	**Description**
Induced Failure	
DHFID Hangup value	.013
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.878
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.680
Weighted Dilution factor	24.270
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	21
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
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
MY15 DS 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 applying AEM and accumulating 1000 miles on the SRC cycle.
Informational Report Comments
SolStop − Do you want to keep the solar lights on?