



ALL-NEW DISCOVERY EMISSIONS DATA

IDENTIFICATION OF PEMS TEST FAMILY (MS-OEM-X-Y)				TECHNICAL CRITERIA FOR PEMS TEST FAMILY										PEMS TEST RESULTS										CRITERIA FOR PEMS TEST VEHICLE SELECTION							50% TESTS	JUSTIFICATION FOR PEMS TESTS										REMARKS						
PEMS TEST FAMILY NAME	TA CODE	MANUFACTURER CODE	EMISSION TYPE APPROVAL NO.	PROPULSION TYPE	FUEL TYPE	COMBUSTION PROCESS	NO. OF CYL.	CONFIG. OF CYL. BLOCK	MAX. ENGINE VOLUME	METHOD OF FUEL INJECTION	COOLING SYSTEM	ASPIRAT. CHARGER TYPE & NO.	EXHAUST AFTERTREATM. TYPE & SEQUENCE	EGR-TYPE Y/N, INT/EXT, COOLING, PRESSURE	EVALUATION METHOD 1 (EMROAD)						EVALUATION METHOD 2 (CLEAR)						EACH COMBIN. OF FUELS	HIGHEST & LOWEST POWER-TO-MASS RATIO (KW/T)	EACH TRANSMISS. TYPE	AWD (IF INCLUDED)	EACH ENGINE VOLUME	EACH TYPE & SEQUENCE OF AFTERTREATMENT	NUMBER N OF VEHICLE EMISSION TYPES	TO BE DRIVEN BY TECH. SERVICE	FUEL	PMRH	PMRL	TRANSM.	XWD	ENG. VOL.	EXHAUST. AFTERTR.	N NO. OF ET	NT NO. OF TESTS	TS TEST SHARE	DEVIATION OF MAX. ENG. VOLUME			
															MW, NOX, D TOTAL	MW, CO, D TOTAL	MW, PN, D TOTAL	MW, NOX, D, U URBAN	MW, CO, D, U URBAN	MW, PN, D, U URBAN	MW, NOX, D TOTAL	MW, CO, D TOTAL	MPN, D, T TOTAL	MW, NOX, D, U URBAN	MW, CO, D, U URBAN	MW, PN, D, U URBAN																					4.2.1	4.2.2
				3.2.1	3.2.2	3.2.3	3.2.4	3.2.5	3.2.6	3.2.7	3.2.8	3.2.9	3.2.10	3.2.11	mg/km	mg/km	#/km	mg/km	mg/km	#/km	mg/km	mg/km	#/km	mg/km	mg/km	#/km	4.2.1	4.2.2	4.2.3	4.2.4	4.2.5	4.2.6	4.2.7	4.2.1	4.2.2-a	4.2.2-b	4.2.3	4.2.4	4.2.5	4.2.6	4.2.7	3.2.7	3.2.6					
11-SAL-02-00 (*)	LR	SAL	e11*715/2007*2016/642W*8858*00	ICE	Diesel	4-stroke	6	V	2996	DI	water	1-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	6.7	0	n.a. (*)	11.7	0	n.a. (*)	10.6	0	n.a. (*)	16.9	0	n.a. (*)	Diesel	82	Auto	AWD	2996	DOC+DPF+SCR	1	TS test	x		x	x	x	x	x			1	100%		(*) PN test procedure not yet available.	
11-SAL-07-00 (*)	LR	SAL	e11*715/2007*2016/642W*8861*00	ICE	Gasoline	4-stroke	6	V	2993	DI	water	1-supercharger	3-way Catalyst	No	34	247.4	n.a. (*)	21.8	157.7	n.a. (*)	38.1	104.7	n.a. (*)	47.7	64.3	n.a. (*)	Gasoline	109	Auto	AWD	2993	3-way Catalyst	1	TS test	x		x	x	x	x	x			1	100%		(*) PN test procedure not yet available.	
11-SAL-05-00 (*)	LR	SAL	e11*715/2007*2016/642W*8993*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	2-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	35	0	n.a. (*)	64	0	n.a. (*)	54	0	n.a. (*)	123	0	n.a. (*)	Diesel	79	Auto	AWD	1999	DOC+DPF+SCR	2	TS test	x		x	x	x	x	x			1	100%		(*) PN test procedure not yet available.	
11-SAL-05-00 (*)	LR	SAL	e11*715/2007*2016/642W*8993*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	2-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	34	0	n.a. (*)	63	0	n.a. (*)	53	0	n.a. (*)	120	0.029	n.a. (*)	Diesel	79	Auto	AWD	1999	DOC+DPF+SCR											100%		(*) PN test procedure not yet available.			
11-SAL-05-00 (*)	LW	SAL	e11*715/2007*2016/642W*8872*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	2-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	28	0	n.a. (*)	45	0	n.a. (*)	99	0	n.a. (*)	110	0	n.a. (*)	Diesel	80	Auto	AWD	1999	DOC+DPF+SCR	2	TS test	x			x	x	x	x	x			1	100%		(*) PN test procedure not yet available.
11-SAL-05-00 (*)	LW	SAL	e11*715/2007*2016/642W*8872*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	2-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	28	0	n.a. (*)	45	0	n.a. (*)	99	0	n.a. (*)	110	0	n.a. (*)	Diesel	80	Auto	AWD	1999	DOC+DPF+SCR	2	TS test	x			x	x	x	x	x			1	100%		(*) PN test procedure not yet available.
11-SAL-05-00 (*)	LW	SAL	e11*715/2007*2016/642W*8872*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	2-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	27	0	n.a. (*)	38	0	n.a. (*)	35	0	n.a. (*)	66	0	n.a. (*)	Diesel	80	Auto	AWD	1999	DOC+DPF+SCR	2	TS test											1	100%		(*) PN test procedure not yet available.
11-SAL-05-00 (*)	LW	SAL	e11*715/2007*2016/642W*8872*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	2-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	27	0	n.a. (*)	38	0	n.a. (*)	35	0	n.a. (*)	66	0	n.a. (*)	Diesel	80	Auto	AWD	1999	DOC+DPF+SCR	2	TS test											1	100%		(*) PN test procedure not yet available.
11-SAL-12-00 (*)	LR	SAL	e11*715/2007*2016/642W*8857*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	1-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	42	0	n.a. (*)	79	0	n.a. (*)	48	0	n.a. (*)	113	0	n.a. (*)	Diesel	59	Auto	AWD	1999	DOC+DPF+SCR	1	TS test	x		x	x	x	x	x			1	100%		(*) PN test procedure not yet available. Two tests required due to trip completeness issues.	
11-SAL-12-00 (*)	LR	SAL	e11*715/2007*2016/642W*8857*00	ICE	Diesel	4-stroke	4	in-line	1999	DI	water	1-turbo	DOC+DPF+SCR	EGR/ext/cooled/high/low	47	0.008	n.a. (*)	54	0.013	n.a. (*)	66	0	n.a. (*)	84	0.026	n.a. (*)	Diesel	59	Auto	AWD	1999	DOC+DPF+SCR	1	TS test											1	100%		(*) PN test procedure not yet available. Two tests required due to trip completeness issues.

Disclaimer: \* Official Fuel Consumption and emissions figures are based on European Real World Driving Emissions testing (RDE). These independently certified tests are on actual vehicles on public roads. The routes, monitoring equipment, and results are independently certified by an appointed European body to reflect many real world situations, and to be as uniform as possible across the region. Actual results achieved may differ dependent on variables such as driver actions, routes being driven and other material changes in vehicle and environmental conditions.