



User Manual

Sim2K-510SCR+D PFAd blue E m ulator Install a tio n



Please Click on the Installati on Document Y ou Want

SCR+DPF Re moval

SCR Rem oval Only

DPF Re moval Only

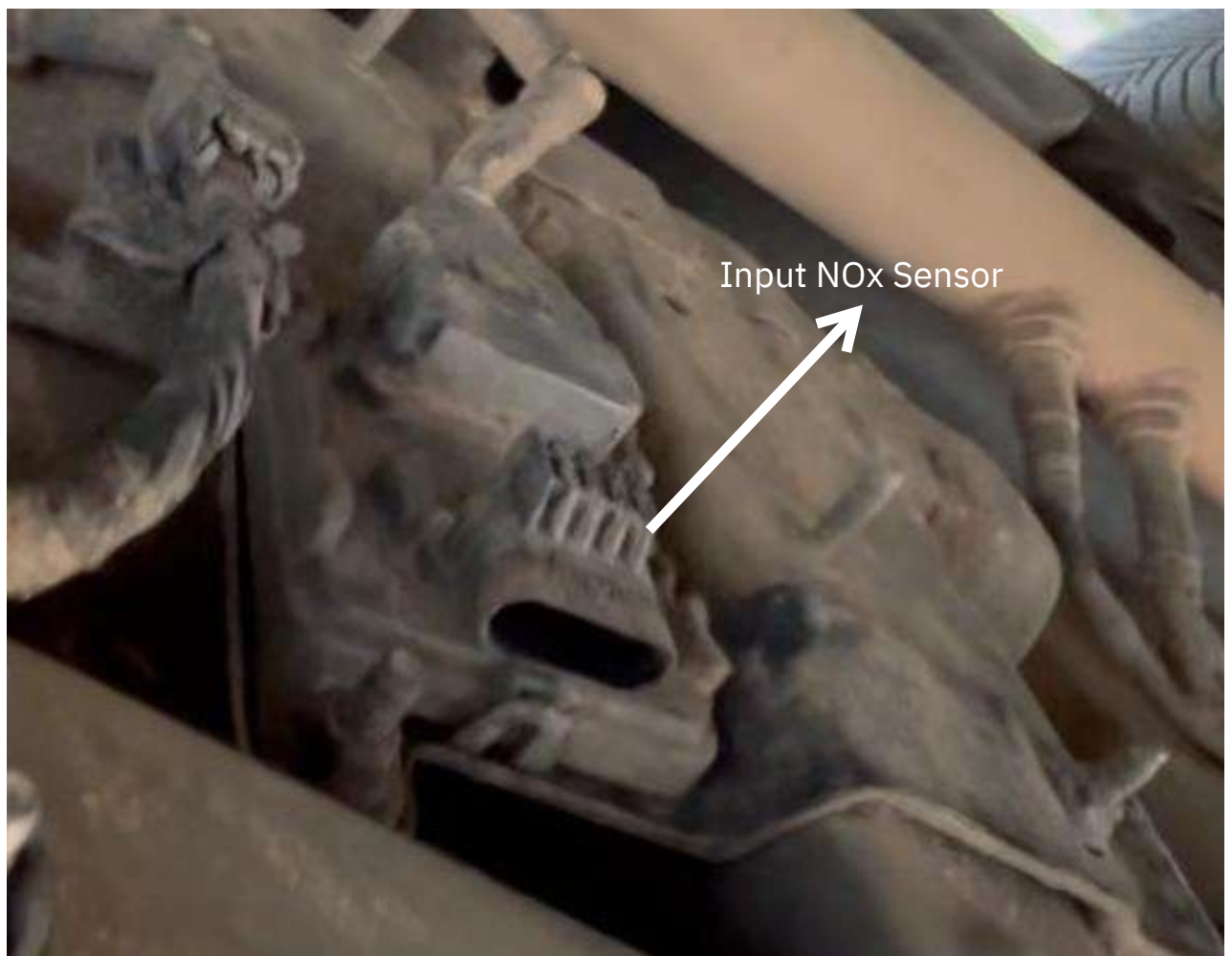


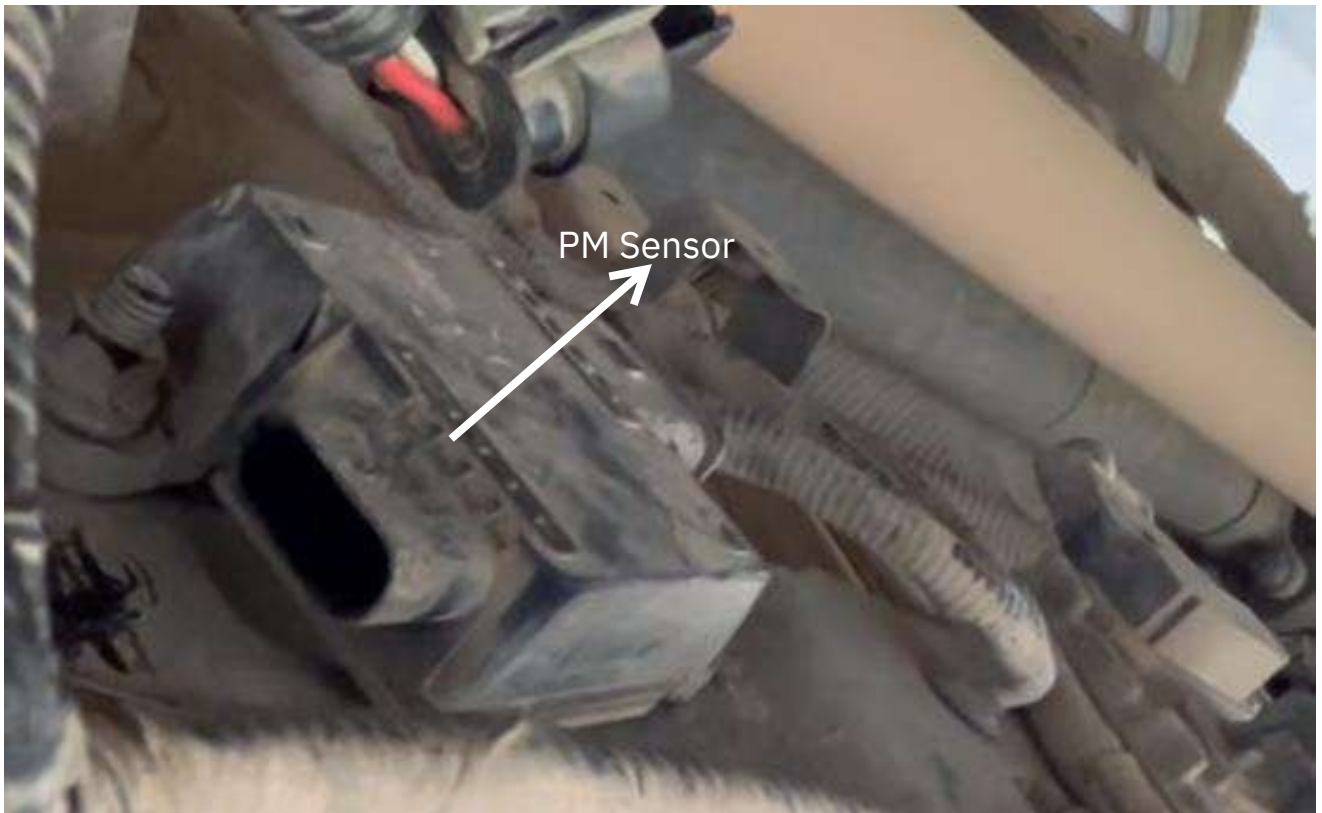
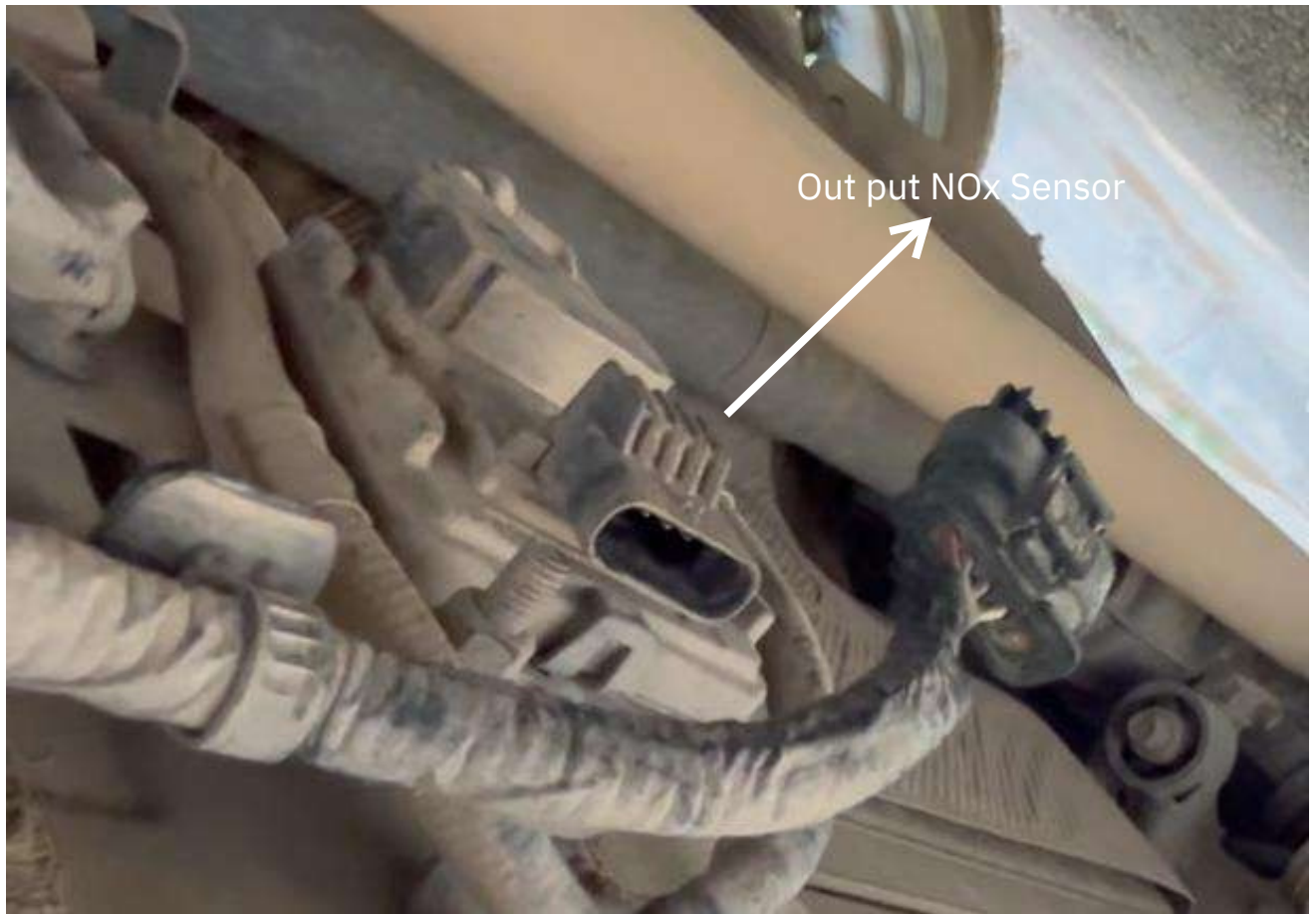
Emulator Re d	Engine Socket
Yellow	Pin 75
Gr een	Pin76
Wh ite	Pin59
Bro wn	Pin77
	Pin 60

Emu la ^t or	DPFDifferential P ressure Sensor
Blue	Pin2
Black	Pin1

InputNOx,OutputNOx ,PM Senso r,DP F
DifferentialPress ureS ensor andD CU shouldbe
pulled





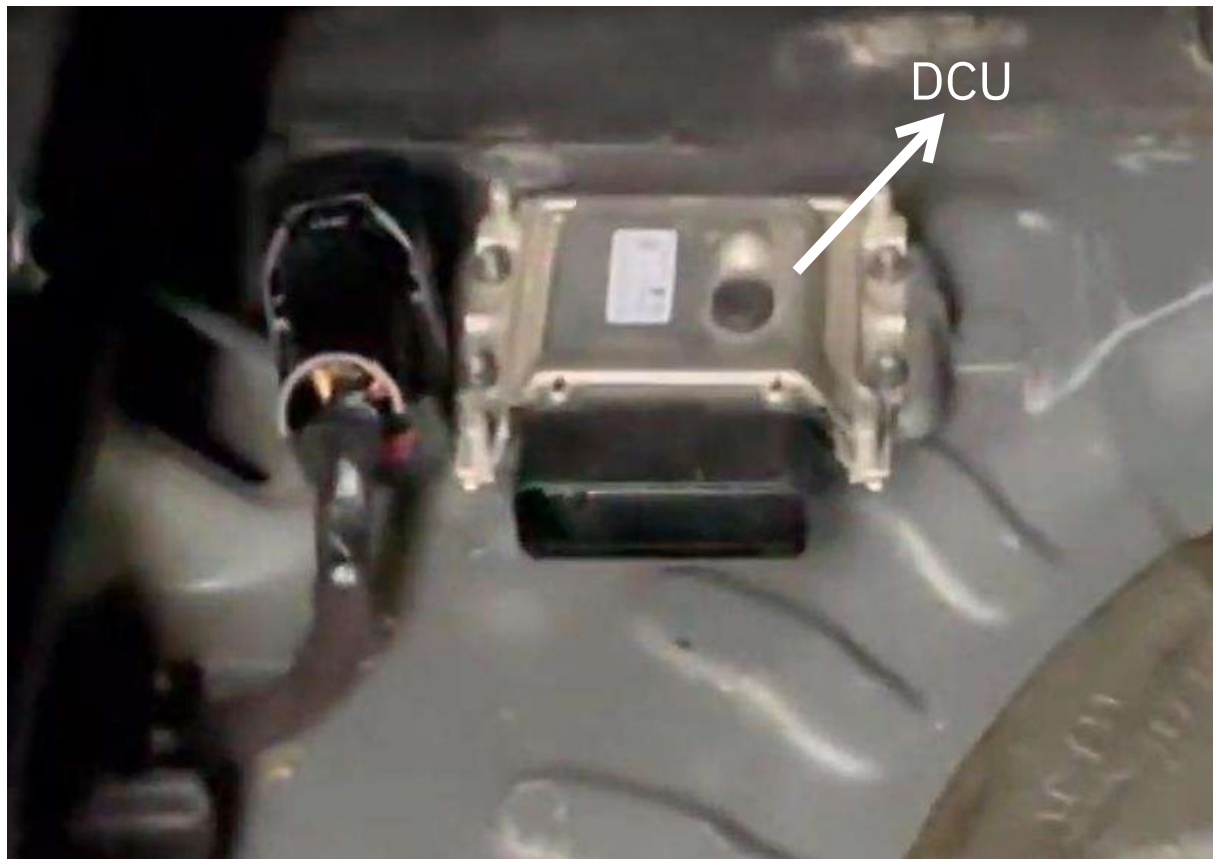
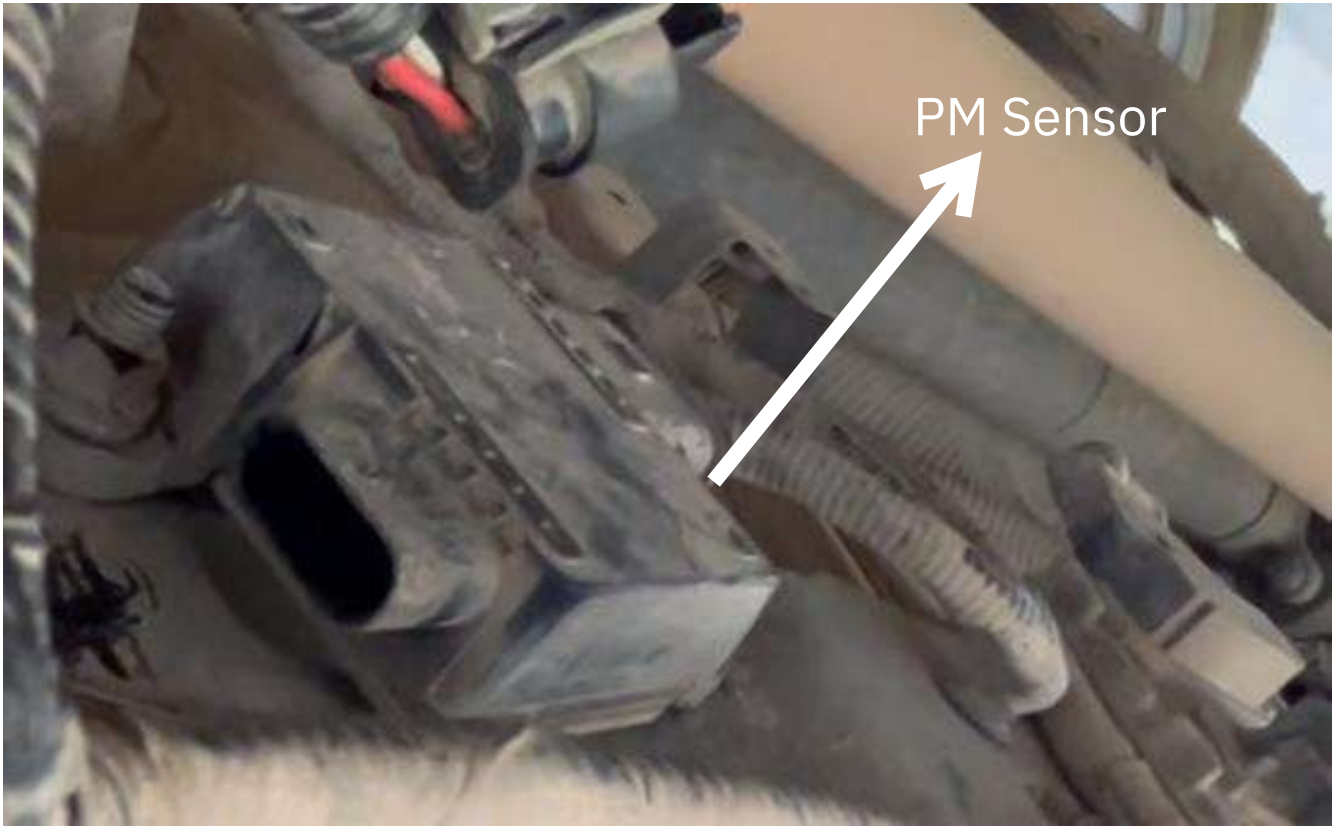


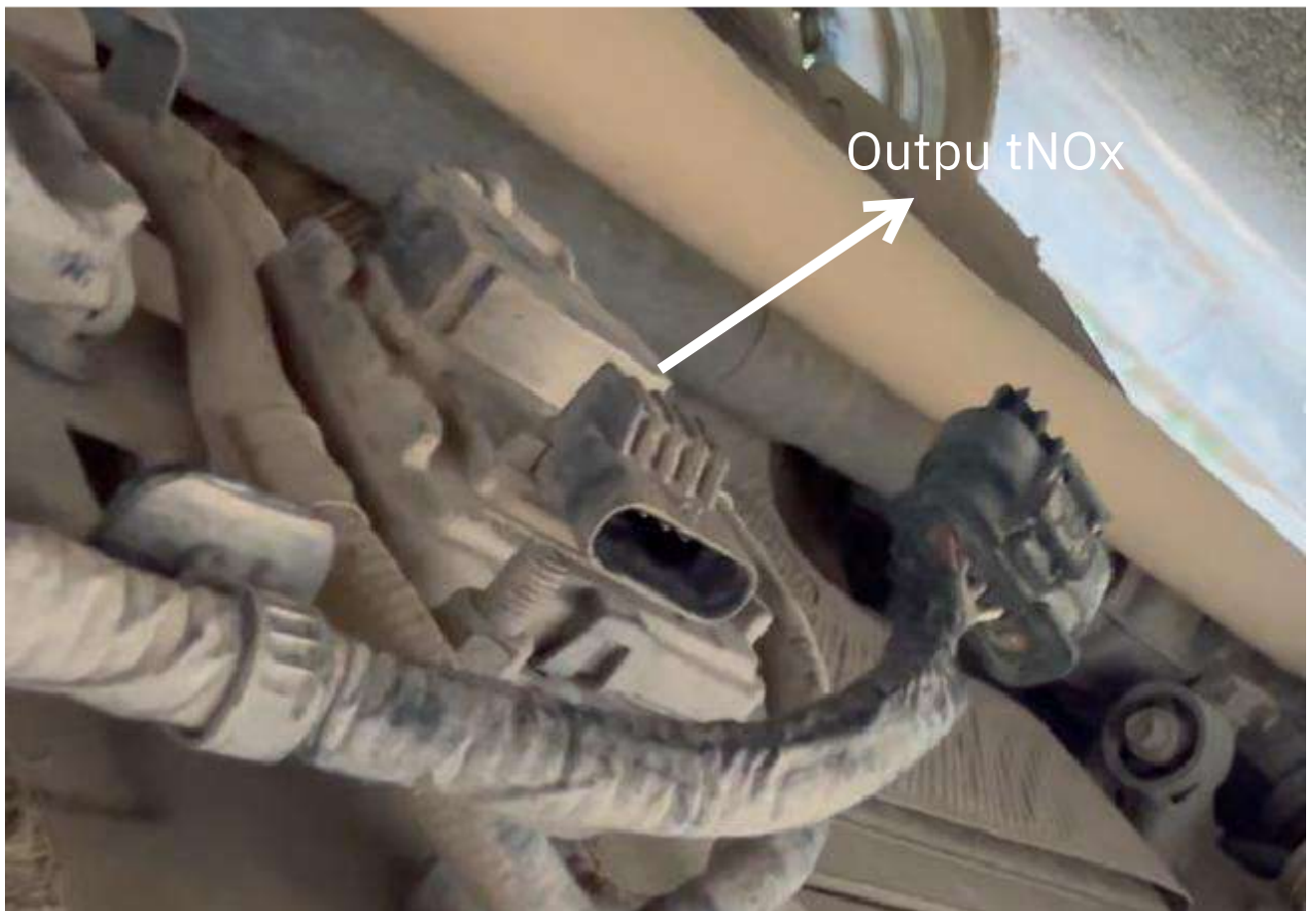
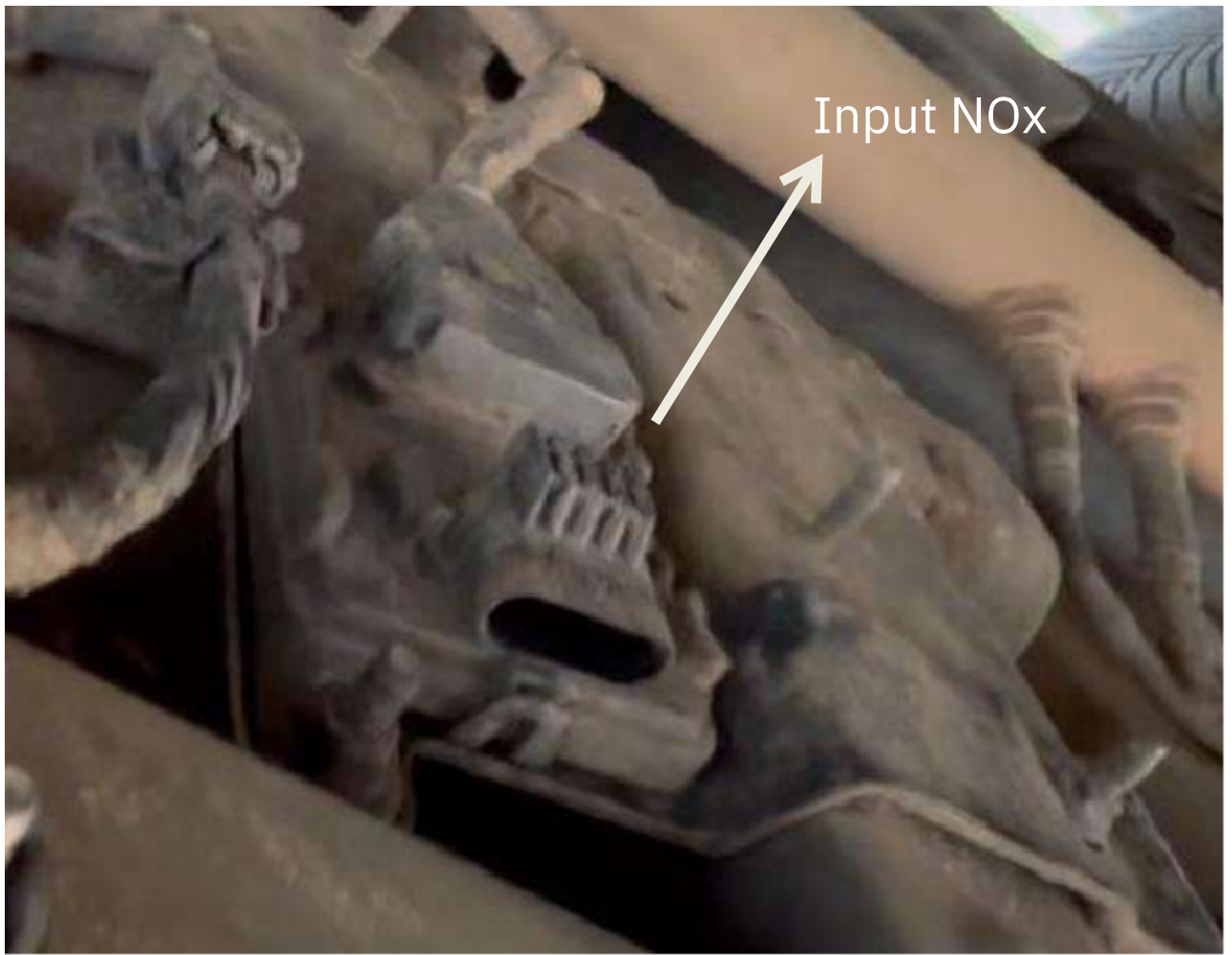
Sim 2K-510 Adblue (S CR) Emulator Installation

Emulator	Engine Socket
Black	Pin1
Red	Pin 75
Green	Pin 59
Yellow	Pin 76
Brown	Pin 60
White	Pin 77

Input tNOx ,Output tNOx ,PM Sensor and DCU should be pulled

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	B	Ground	36	B	Ground (OLS)	71	O	Start Relay (Low) Control
2	B	Ground	37	W	LIN/Diagnostic Data Line	72	Gr/O	PTC Heater Relay #1 Control
3	R	Engine Control Relay ON Input	38	O	Cooling Fan #2 Relay Control	73	-	-
4	B	Ground	39	O	LDC Signal	74	-	-
5	R	Engine Control Relay ON Input	40	-	-	75	P	Memory Power
6	R	Engine Control Relay ON Input	41	P	ON/START Input	76	W	CCP-CAN (High)
7	R/B	Start Relay (High) Control	42	-	-	77	G	C-CAN (High)
8	Br	CCP-CAN (Low)	43	B	APS.1 (Ground)	78	L/B	ITS (Signal)
9	W	CCP-CAN (High)	44	Br	APS.2 (Ground)	79	-	-
10	-	-	45	W/B	BVPS (Signal)	80	-	-
11	-	-	46	-	-	81	Br	APT (Signal)
12	R	APS.2 (Supply)	47	-	-	82	-	-
13	G/B	Sensor Supply (APT/BVPS)	48	-	-	83	-	-
14	-	-	49	W	APS.2 (Signal)	84	-	-
15	L	APS.1 (Supply)	50	W	Sensor Ground (ITS/BVPS)	85	-	-
16	-	-	51	-	-	86	W	Clutch Switch
17	B	Ground (BMS)	52	-	-	87	L/B	Engine Speed Signal
18	-	-	53	O	APT (Ground)	88	-	-
19	B	Ground (DCT)	54	-	-	89	O/B	ISG Switch IND.
20	Br/O	Fuel Filter Heater Relay Control	55	Gr	Cooling Fan #1 Relay Control	90	-	-
21	-	-	56	Y	A/C Comp Relay	91	-	-
22	Br/B	Engine Control Relay Control	57	-	-			
23	P	Fuel Pump Relay Control	58	G	Memory Power			
24	-	-	59	Br	CCP-CAN (Low)			
25	Y	Water In Fuel Sensor	60	O	C-CAN (Low)			
26	Y	APS.1 (Signal)	61	P	[M/T] Neutral Gear Detection Switch			
27	R/B	Start Switch Input Signal	62	L/B	IMMO. Data Line			
28	-	-	63	-	-			
29	-	-	64	-	-			
30	-	-	65	-	-			
31	G/B	Brake Light Switch	66	Y/B	ISG Switch			
32	-	-	67	-	-			
33	L/B	Brake Test Switch	68	-	-			
34	Y	Wiper 'P' Input	69	-	-			
35	B	Ground (ISG)	70	-	-			





Sim 2K- 510 DPF Em ulator Insta llation

Emulator	Engine Socket
Red	Pin7 5
Yellow	Pi n7 6
Green	Pin 59
White	Pin 77
Brown	Pin 60

Emulator	DPF DifferentialPressureSensor
Blue	Pin2
Black	Pin1

DPF Differential Pressure Sensor Should Be Removed

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	B	Ground	36	B	Ground (OLS)	71	O	Start Relay (Low) Control
2	B	Ground	37	W	LIN/Diagnostic Data Line	72	Gr/O	PTC Heater Relay #1 Control
3	R	Engine Control Relay ON Input	38	O	Cooling Fan #2 Relay Control	73	-	-
4	B	Ground	39	O	LDC Signal	74	-	-
5	R	Engine Control Relay ON Input	40	-	-	75	P	Memory Power
6	R	Engine Control Relay ON Input	41	P	ON/START Input	76	W	CCP-CAN (High)
7	R/B	Start Relay (High) Control	42	-	-	77	G	C-CAN (High)
8	Br	CCP-CAN (Low)	43	B	APS.1 (Ground)	78	L/B	ITS (Signal)
9	W	CCP-CAN (High)	44	Br	APS.2 (Ground)	79	-	-
10	-	-	45	W/B	BVPS (Signal)	80	-	-
11	-	-	46	-	-	81	Br	APT (Signal)
12	R	APS.2 (Supply)	47	-	-	82	-	-
13	G/B	Sensor Supply (APT/BVPS)	48	-	-	83	-	-
14	-	-	49	W	APS.2 (Signal)	84	-	-
15	L	APS.1 (Supply)	50	W	Sensor Ground (ITS/BVPS)	85	-	-
16	-	-	51	-	-	86	W	Clutch Switch
17	B	Ground (BMS)	52	-	-	87	L/B	Engine Speed Signal
18	-	-	53	O	APT (Ground)	88	-	-
19	B	Ground (DCT)	54	-	-	89	O/B	ISG Switch IND.
20	Br/O	Fuel Filter Heater Relay Control	55	Gr	Cooling Fan #1 Relay Control	90	-	-
21	-	-	56	Y	A/C Comp Relay	91	-	-
22	Br/B	Engine Control Relay Control	57	-	-			
23	P	Fuel Pump Relay Control	58	G	Memory Power			
24	-	-	59	Br	CCP-CAN (Low)			
25	Y	Water In Fuel Sensor	60	O	C-CAN (Low)			
26	Y	APS.1 (Signal)	61	P	[M/T] Neutral Gear Detection Switch			
27	R/B	Start Switch Input Signal	62	L/B	IMMO. Data Line			
28	-	-	63	-	-			
29	-	-	64	-	-			
30	-	-	65	-	-			
31	G/B	Brake Light Switch	66	Y/B	ISG Switch			
32	-	-	67	-	-			
33	L/B	Brake Test Switch	68	-	-			
34	Y	Wiper 'P' Input	69	-	-			
35	B	Ground (ISG)	70	-	-			

