

# S54 Adapter



## Functions assignment

No.	EMU pin name	Function
1	Analog In #1	TPS1
2	Analog In #2	TPS2
3	Analog In #3	PPS2
4	AUX 2	Fuel pump
5	AUX 3	DBW signal [1]
6	AUX 5	Idle 1
7	AUX 6	Idle 2
8	H-bridge #1 winding A	Vanos (VVT)
9	H-bridge #1 winding B	Vanos (VVT)
10	H-bridge #2 winding A	Vanos (VVT)
11	H-bridge #2 winding B	Vanos (VVT)
12	Ignition coil #1	Coil cyl. #1
13	Ignition coil #2	Coil cyl. #2
14	Ignition coil #3	Coil cyl. #3
15	Ignition coil #4	Coil cyl. #4
16	Ignition coil #5	Coil cyl. #5
17	Ignition coil #6	Coil cyl. #6
18	Injector #1	Injector cyl. #1
19	Injector #2	Injector cyl. #2
20	Injector #3	Injector cyl. #3
21	Injector #4	Injector cyl. #4
22	Injector #5	Injector cyl. #5
23	Injector #6	Injector cyl. #6
24	Switch #1 In	Clutch pedal signal

[1] Only if DBW module present