

PIN IAW 18F	Function	PIN IAW 4AF	4AF Plug 1/2	Comments
1	Coil Cyl 1 & 4	59	2	
2	Stepper 1	58	2	
3	Stepper 3	64	2	
4	Power Relay Control	-----		
5	EBC	16	1	
6	MIL	26	1	
7	Immo line	-----		Not sure if code boxes are compatible, don't use one.
8	AC button / EBC switch	49	1	Requires internal ECU connection, signal on ECU Port 6.3
9	Input (NU) / LC button	46	1	Requires internal ECU connection, signal on ECU Port 6.2
10	L-Line / ECU Boot	32	1	Requires internal ECU connection to CPU boot pin, 4AF does not use L-line
11	CPS2	67	2	
12	Lambda -	9	1	
13	CTS	62	2	4AF bias resistor for CTS is 1K
14	TPS & MAP 5V	60	2	4AF powers the two sensors on separate pins, but should be fine.
15	K-Line	25	1	
16	Sensor Ground	54	2	There are more connections to 4AF pin 54 in the list
17	Lambda Heater	1	1	
18	Injector			
19	Coil Cyl 2 & 3	66	2	
20	Stepper 4	65	2	
21	Stepper 2	57	2	
22	Canister	52	1	
23	Fuel Relay Control / RPM Signal	15	1	
24	AC Relay Control			
25				
26	Ignition Power (IAW 16F only)	47	1	There are more connections to 4AF pin 47 in the list
27				
28	CPS1	53	2	
29	Lambda +	20	1	
30	TPS	76	2	
31	IAT	55	2	4AF bias resistor for IAT is 2K

32	MAP	75	2	
33	(Injector 2 in IAW 18FD)			
34	Main Ground	27, 28	1	Probably only one of the 4AF pins have to be really connected
35	Main Power from Relay			
ECU fuse loom through plug	Direct 7.5A Fused Power	29	1	
cabin loom through plug	Ignition External	47	1	There are more connections to 4AF pin 47 in the list
cabin loom through plug	RPM	4	1	
sensor plug	Knock 1	56	2	
sensor plug	Knock 2	70	2	
sensor plug	Knock Shield	63	2	
sensor	Vehicle Speed In	50	1	Currently unused
Zeitronix 2 white through plug	AFR	5	1	Requires internal ECU connection (ADC CPU pin \$0D / program id \$40)
Zeitronix 8 brown through plug	AFR ground	54	2	There are more connections to 4AF pin 54 in the list
sensor plug	Cam Sensor Ground	54	2	There are more connections to 4AF pin 54 in the list
sensor plug	Cam Sensor Signal	69	2	
sensor plug	Cam Sensor Power	68	2	
sensor plug	Cam Sensor Shield	77	2	
inj1 through plug	Injector 1	71	2	
inj2 through plug	Injector 2	79	2	
inj3 through plug	Injector 3	78	2	
inj4 through plug	Injector 4	72	2	
coil3	Coil 3	73	2	Needs extra components on ECU board and software changes
coil4	Coil 4	80	2	Needs extra components on ECU board and software changes