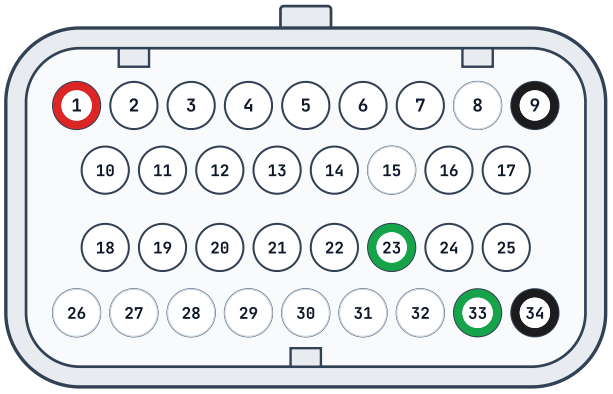
Emtron Shadow 8 pinout

ecurecovery.com/pinouts/emtron/shadow-8 · Every pin checked against 2 Emtron documents · data checked 2026-11-04

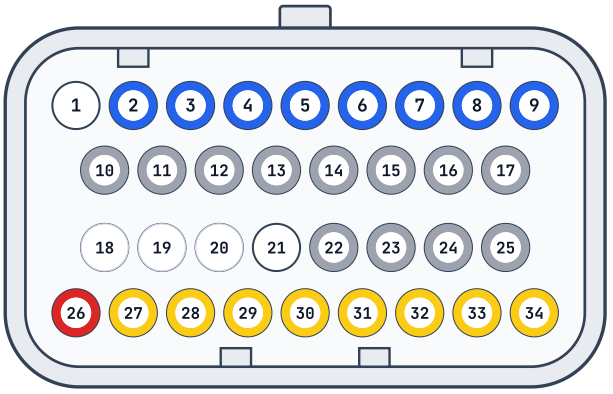
Connector A · 34-pin

CAVITY NUMBERS AS TE CONNECTIVITY, THE PLUG'S MAKER, DRAWS THEM



Connector B · 34-pin

CAVITY NUMBERS AS TE CONNECTIVITY, THE PLUG'S MAKER, DRAWS THEM



Emtron Shadow 8 connector A pinout (34-pin)

Mating connector: TE AMP Superseal 1.0 4-1437290-0 (34 Way / Key 1)

Pin	Function	Wire	Emtron note
A1	ECU Supply	Red	
A2	Sensor 8.0V Sensor Supply	-	
A3	Sensor 5.0V Sensor Supply	-	
A4	0V Analog Reference	-	
A5	Crank Position Sensor	-	2 core Shielded Cable (shared with A7)
A6	Sync Position Sensor	-	2 core Shielded Cable (shared with A7)
A7	Trigger Ground	-	
A8	Shield	White	
A9	Ground 1	Black	
A10	Analog Voltage 1	-	
A11	Analog Voltage 2	-	
A12	Analog Voltage 3	-	
A13	Analog Voltage 4	-	
A14	Analog Voltage 5	-	
A15	CAN Bus 1 High	White	
A16	Knock 1 +ve	-	2 core Shielded Cable (shared with A17)
A17	Knock 1 -ve	-	2 core Shielded Cable (shared with A16)
A18	Analog Voltage 6	-	
A19	Analog Voltage 7	-	
A20	Analog Voltage 8	-	
A21	Analog Voltage 9	-	
A22	Analog Voltage 10	-	
A23	CAN Bus 1 Low	Green	
A24	Knock 2 +ve	-	2 core Shielded Cable (shared with A25)
A25	Knock 2 -ve	-	2 core Shielded Cable (shared with A24)
A26	Digital Input 1	White	
A27	Digital Input 2	White	
A28	Digital Input 3	White	
A29	Digital Input 4	White	
A30	Digital Input 5	White	

Pin	Function	Wire	Emtron note
A31	Digital Input 6	White	
A32	CAN Bus 2 High	White	
A33	CAN Bus 2 Low	Green	
A34	Ground 2	Black	

Emtron Shadow 8 connector B pinout (34-pin)

Mating connector: TE AMP Superseal 1.0 4-1437290-1 (34 Way / Key 2)

Pin	Function	Wire	Emtron note
B1	Battery Constant (HOT) Supply	-	
B2	Injector Cylinder 1	Blue	
B3	Injector Cylinder 2	Blue	
B4	Injector Cylinder 3	Blue	
B5	Injector Cylinder 4	Blue	
B6	Injector Cylinder 5	Blue	
B7	Injector Cylinder 6	Blue	
B8	Injector Cylinder 7	Blue	
B9	Injector Cylinder 8	Blue	
B10	Aux Output 1	Grey	
B11	Aux Output 2	Grey	
B12	Aux Output 3	Grey	
B13	Aux Output 4	Grey	
B14	Aux Output 5	Grey	
B15	Aux Output 6	Grey	
B16	Aux Output 7	Grey	
B17	Aux Output 8	Grey	
B18	Digital Input 7	White	
B19	Digital Input 8	White	
B20	Digital Input 9	White	
B21	Digital Input 10 / Ignition Switch	-	
B22	Aux Output 9	Grey	
B23	Aux Output 10	Grey	
B24	Aux Output 11	Grey	
B25	Aux Output 12	Grey	
B26	Aux 9-12 Power Supply	Red	
B27	Ignition TTL Cylinder 1	Yellow	
B28	Ignition TTL Cylinder 2	Yellow	
B29	Ignition TTL Cylinder 3	Yellow	
B30	Ignition TTL Cylinder 4	Yellow	
B31	Ignition TTL Cylinder 5	Yellow	
B32	Ignition TTL Cylinder 6	Yellow	
B33	Ignition TTL Cylinder 7	Yellow	
B34	Ignition TTL Cylinder 8	Yellow	

Where this comes from

Emtron pinout for this ECU

Emtron Shadow 8 Pinout (Emtron Resource Centre)

Emtron wiring harness specification

Emtron Shadow 8 ECU Wiring

Plug drawing: TE Connectivity customer drawing (used for the drawing only) Third party

TE Connectivity customer drawing C-2-1437285-3, Superseal 1.0 34/26-position plug housings (copy hosted by Corsa Technic)