

PIN OUT - M232_4cyl_V1.01

10/12/2013

Connector 1 - 26 pin

Pin	Signal	Type	Function 1	Function 2	Function 3	Function 4	Function 5
1	STEPPERA	OUT	Idling Control	Auxiliary Throttle Control	Bypass Air	---	---
2	STEPPERB	OUT	Idling Control	Auxiliary Throttle Control	Bypass Air	---	---
3	PWM_OUT	OUT	Waste Gate Valve (PWM)	---	---	---	---
4	AUX1	IN analog	Oxygen sensor Lambda 1	Front Susp.	Gear Posistion Sensor	Gear Posistion Sensor	Shift SW with thresholt
5	VEL_POS	IN digital	Rear Speed	---	---	---	---
6	GAS	IN analog	Throttle	---	---	---	---
7	M.A.P.	IN analog	Manifold Air Pressure	---	---	---	---
8	+VREF1	OUT	Power supply to sensors (+5V)	---	---	---	---
9	DROPSW	IN digital	Drop switch	---	---	---	---
10	NEUTRAL	IN digital	Neutral	Launch Control	---	---	---
11	PICKUP (S-MOT)	IN	S-Mot (Pickup)	---	---	---	---
12	VBAT	Power	Power supply to ECU (+12V)	---	---	---	---
13	CAN1L	I/O	Communication CAN L	---	---	---	---
14	STEPPERB	OUT	Idling Control	Auxiliary Throttle Control	Bypass Air	---	---
15	STEPPERD	OUT	Idling Control	Auxiliary Throttle Control	Bypass Air	---	---
16	AUX2	IN analog	Oxygen sensor Lambda 2	Rear Susp.	Shift SW with thresholt	TC Level input	TC Level input
17	TH2O	IN analog	Water temperature	---	---	---	---
18	CAN1H	I/O	Communication CAN H	---	---	---	---
19	SUBTHROTTLE	IN analog	Subthrottle	---	---	---	---
20	TAIR	IN analog	Air temperature	---	---	---	---
21	HALL (S-CAM)	IN digital	S-Cam (Hall)	S-Mot (Hall) for HarleyDavidson	---	---	---
22	SGND	Power	Signal GND	---	---	---	---
23	SGND	Power	Signal GND	---	---	---	---
24	SGND	Power	Signal GND	---	---	---	---
25	CODELOAD	IN digital	Code load	---	---	---	---
26	PGND	Power	Power GND	---	---	---	---

Connector 2 - 18 pin

Pin	Signal	Type	Function 1	Function 2	Function 3	Function 4	Function 5
1	---	---	---	---	---	---	---
2	STOP	IN digital	Stop	---	---	---	---
3	CLUTCH	IN digital	Clutch	Distance Reset (with Stop enable)	Speed Limiter	---	---
4	STARTERIN	IN digital	Starter IN	Fuel Reset (with Stop enable)	---	---	---
5	FUELPUMP	OUT	Fuel pump	---	---	---	---
6	FUELPULSE	OUT	Fuel Consumption Pulse	Antilag output	---	---	---
7	INJ2	OUT	Out Injector 2	---	---	---	---
8	INJ1	OUT	Out Injector 1	---	---	---	---
9	COIL1	OUT	Out Coil 1	---	---	---	---
10	MAPSELECT	IN analog	Change map	---	---	---	---
11	INJ4	OUT	Out Injector 4	---	---	---	---
12	INJ3	OUT	Out Injector 3	---	---	---	---
13	TACHO	OUT	Tacho	---	---	---	---
14	WARNLIGHT	OUT	Warning light	Relais by Water Temp	Relais by RPM	---	---
15	SHIFT	IN digital	Shift	AntiLag input	---	---	---
16	PGND	Power	Power GND	---	---	---	---
17	PGND	Power	Power GND	---	---	---	---
18	COIL2	OUT	Out Coil 2	---	---	---	---