

## MGZS - Energy Storage System

Connector: BY458

Line	Cavity	Wire Cross Sectional Area	Wire Colour	Wire Option
1	A1	0.35	Yellow / Black	HCAN-H
2	A2	0.35	Blue	OBD Pstn-Sensor+
3	B1	0.35	Green / White	HCAN-L
4	B2	0.35	Green / Blue	OBD Pstn-Sensor-
5	B4	0.35	Brown	S98B WAKE UP
6	B4	0.35	Brown	S98C OBDC-WAKE UP
7	C1	0.35	Yellow / Brown	PTCAN-H
8	C2	0.5	Slate	BatPrsAlm.Sig
9	C3	0.35	Green	BreathingLamp-Drv
10	C4	0.5	White	+ HVIL - SRC
11	D1	0.35	Green / Yellow	PTCAN-L
12	D3	0.35	White / Black	WAKEUP-EN
13	D4	0.35	Red / Yellow	HVIL-Return
14	E1	0.5	Yellow / Blue	OBDCAN-H
15	E2	0.35	White / Blue	OBD-PWR-ON
16	E3	0.35	Purple	ESS-CLNT.PUMP-DRV
17	F1	0.35	Green / Black	OBDCAN-L
18	F2	0.35	Red / Green	OBD-WAKE-UP
19	F4	0.35	Red / White	ESS-CLNT.PUMP-RLY-DRV
20	G1	0.5	Red / Blue	KL30
21	G4	0.5	Red / Blue	KL30
22	H1	0.5	Black	GND
23	H4	0.5	Black	GND