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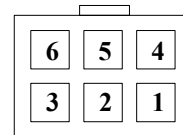
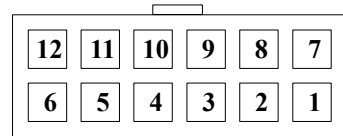
## VMS350 Pinouts

### Connector Types

All diagrams are "wire-side" view.

Receptacle - Molex 5557 Series.  
 12-pin 39-01-2120  
 6-pin 39-01-2060

Crimp-on Connectors - 5556 Series.  
 Part # 39-00-0039



### Connector Pinouts

#### Main Connector

12-pin Molex

Pin	Designation	Type	Notes
1	GROUND	Ground	
2	TIRE LAMP	Active High Output	
3	J1587/J1708+	J1708 +	Attach to J1708 Devices
4	J1587/J1708-	J1708 -	Attach to J1708 Devices
5	J1939 DATA +	CAN +	Attach to J1939 Bus
6	J1939 DATA -	CAN -	Attach to J1939 Bus
7	POWER	12V Power Input	Attach to constant power source
8	Serial Transmit	RS-232	Do Not Connect (Used for Diagnostic purposes)
9	Serial Receive	RS-232	Do Not Connect (Used for Diagnostic purposes)
10	Serial Ground	RS-232	Do Not Connect (Used for Diagnostic purposes)
11	RV-C DATA +	CAN +	Attach to RV-C Bus
12	RV-C DATA -	CAN -	Attach to RV-C Bus

#### Secondary Connector

12-pin Molex

Pin	Designation	Type	Notes
1	GROUND	Ground	Attach to Temp Sensor
2	FUEL SENSE	Analog Input	Attach to Fuel Sender
3	TEMP SENSE	Analog Input	Attach to Temp Sensor
4	INPUT 1	Active Lo Input	
5	INPUT 2	Active Lo Input	
6	OUTPUT 1	Active Lo Output	
7	REVERSE	Active High Input	Suppresses the Text Overlay

Pin	Designation	Type	Notes
8	BLINKER1 (L)	Active High Input	Suppresses the Text Overlay
9	BLINKER2 (R)	Active High Input	Suppresses the Text Overlay
10	INPUT 3	Active High Input	
11	INPUT 4	Active High Input	
12	OUTPUT 2	Active High Output	

***Keyboard Connector***

***14-pin Ribbon***

Pin	Designation	Type	Notes
1	KEY1	Active Lo Input	View Key
2	KEY2	Active Lo Input	SilverLeaf Key
3	KEY3	Active Lo Input	Detail Key
4	KEY4	Active Lo Input	For future expansion
5	KEY5	Active Lo Input	For future expansion
6	KEY6	Active Lo Input	For future expansion
7	KEY7	Active Lo Input	For future expansion
8	KEY8	Active Lo Input	For future expansion
9	POWER	12V Power	For driving annunciator
10	ALARM OUTPUT	Active Lo Output	Square wave generator for annunciator
11	ENCODER SWITCH	Active Lo Input	
12	ENCODER LEFT	Active Lo Input	
13	ENCODER RIGHT	Active Lo Input	
14	GROUND	Ground	