

2001 Mercedes Benz ML Class



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	ignition harness
Second 12 Volts			
Starter	white	+	ignition harness
Second Starter			
Ignition	pink	+	ignition harness
Second Ignition	gray	+	ignition harness
Third Ignition			
Accessory			
Second Accessory			
Third Accessory			
Key Sense	orange (required)	+	ignition harness
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	white (x3)	5wi	bottom of fuse/relay box
Power Unlock	green and pink (x2)	5wi	bottom of fuse/relay box
Lock Motor	white	5wi	bottom of fuse/relay box
Unlock Motor	green	5wi	bottom of fuse/relay box
Disarm Defeat	pink	5wi	bottom of fuse/relay box
Parking Lights (+)	blue (L), green (R)	+	headlight switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	orange	+	headlight switch
AutoLights			
Reverse Light			
Left Front Door Trigger	gray and white	-	keyless entry module
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision			
Trunk/Hatch Pin	white	-	bottom of fuse/relay box
Rear Glass Pin			
Hood Pin			
Trunk Hatch/Release	gray	5wi	bottom of fuse/relay box
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	factory remote only		
Factory Alarm Disarm	factory remote only		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	NOT blk/yel or blk/grn	ac	any ignition coil
Wait to Start			
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense			
Brake Wire	lt. blue	+	brake pedal switch/top plug
Parking Brake			
Horn Trigger	orange	-	steering column
Wipers	orange (L), gray (H)	+	steering column
Left Front Window (Up/Down)	white - tan	A	center console switch
Right Front Window (Up/Down)	white - tan	A	center console switch
Left Rear Window (Up/Down)	white - gray	B	center console switch
Right Rear Window (Up/Down)	green - blue	B	center console switch
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V			
Radio Ground			
Radio Ignition			
Radio Illumination			
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)			
Right Front Speaker (+/-)			
Left Rear Speaker (+/-)			
Right Rear Speaker (+/-)			
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Data Bus	CAUTION: There have been some complaints that after a few days or weeks of installing the remote start, the transponder in the keys would get deleted and the car would have to go back to the dealer for reprogramming. CAUTION: Installation of a remote start system in conjunction with the bypass module may cause deletion of transponder codes/keys from the vehicle immobilizer system. Installation of any Directed Electronics system by a dealer is done at the dealers own risk and the dealer assumes all liability for damages or injury caused by the installation.
Passenger Unlock Motor	The RF unlock wire is pink, it is in a red connector labeled C/E, pin 9. The rear doors unlock wire is pink, it is in a green connector labeled P/E, pin 12. The fuse/relay box is under the hood on the driver side.
Left Front Door Trigger	The keyless entry module is attached to the bottom of the fuse/relay box. The door trigger wires are in a black 6 pin plug, connector C5. The front door trigger wire is gray in pin 1. The rear door trigger wire is white in pin 5.
Driver Unlock Motor	There are three white wires for lock, they are in a green connector labeled P/E. The LF lock wire is in pin 3, the RF lock wire is in pin 4, and the rear lock wire is in pin 5. The LF unlock wire is green, it is in a red connector labeled C/F, pin 11. The RF unlock wire is pink, it is in a red connector labeled C/E, pin 9. The rear doors unlock wire is pink, it is in a green connector labeled P/E, pin 12.
Driver Unlock Motor	The LF unlock wire is green, it is in a red connector labeled C/F, pin 11. The fuse/relay box is under the hood on the driver side.
Lock Motor	There are three white wires for lock, they are in a green connector labeled P/E. The LF lock wire is in pin 3, the RF lock wire is in pin 4, and the rear lock wire is in pin 5. The LF unlock wire is green, it is in a red connector labeled C/F, pin 11. The RF unlock wire is pink, it is in a red connector labeled C/E, pin 9. The rear doors unlock wire is pink, it is in a green connector labeled P/E, pin 12.
Lock Motor	There are three white wires for lock, they are in a green connector labeled P/E. The LF lock wire is in pin 3, the RF lock wire is in pin 4, and the rear lock wire is in pin 5. The fuse/relay box is under the hood on the driver side.
Power Lock	There are three white wires for lock, they are in a green connector labeled P/E. The LF lock wire is in pin 3, the RF lock wire is in pin 4, and the rear lock wire is in pin 5. The LF unlock wire is green, it is in a red connector labeled C/F, pin 11. The RF unlock wire is pink, it is in a red connector labeled C/E, pin 9. The rear doors unlock wire is pink, it is in a green connector labeled P/E, pin 12. There are three white wires for lock, they are in a green connector labeled P/E. The LF lock wire is in pin 3, the RF lock wire is in pin 4, and the rear lock wire is in pin 5. The LF unlock wire is green, it is in a red connector labeled C/F, pin 11. The RF unlock wire is pink, it is in a red connector labeled C/E, pin 9. The rear doors unlock wire is pink, it is in a green connector labeled P/E, pin 12.
Power Lock	There are three white wires for lock, they are in a green connector labeled P/E. The LF lock wire is in pin 3, the RF lock wire is in pin 4, and the rear lock wire is in pin 5. The fuse/relay box is under the hood on the driver side.
Power Unlock	The LF unlock wire is green, it is in a red connector labeled C/F, pin 11. The RF unlock wire is pink, it is in a red connector labeled C/E, pin 9. The rear doors unlock wire is pink, it is in a green connector labeled P/E, pin 12. The fuse/relay box is under the hood on the driver side.
Trunk/Hatch Pin	The fuse/relay box is under the hood on the driver side. This wire is in a green connector labeled P/D, pin 2.
Trunk Hatch/Release	The fuse/relay box is under the hood on the driver side. This will just unlock the tailgate. It is in a green connector labeled P/E, pin 14.