

2000 Mazda MPV

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	white/black & red	+	ignition harness
Second 12 Volts			
Starter	blue/yellow	+	ignition harness
Second Starter			
Ignition	blue	+	ignition harness
Second Ignition	black/red	+	ignition harness
Third Ignition			
Accessory	black/white	+	ignition harness
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	green	-	theft module
Power Unlock	same wire		
Lock Motor	red		drivers kick panel
Unlock Motor	blue		drivers kick panel
Disarm Defeat	red/black		passengers kick panel
Parking Lights (+)	lt. green/black		drivers kick panel
Parking Lights (-)	brown/white		headlight switch
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/red or white	-	headlight switch
AutoLights			
Reverse Light			
Left Front Door Trigger	black/red	-	drivers kick panel
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	use door trigger		
Trunk/Hatch Pin	tied in with doors		
Rear Glass Pin			
Hood Pin	brown/yellow	-	theft module
Trunk Hatch/Release			
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	arms w/ lock		
Factory Alarm Disarm	disarms w/ unlock		
Disarm No Unlock	white	+	steering column
Trunk Alarm Shunt			
Tachometer	blk, wht, or red		igniton 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	green/yellow	+	brake switch
Parking Brake			
Horn Trigger	green/red	-	steering column
Wipers	blu/wht & blu/red	+	wiper switch
Left Front Window (Up/Down)	red/blk - yel/grn	A	LF window switch
Right Front Window (Up/Down)	grn/wht - pink	A	drivers kick panel
Left Rear Window (Up/Down)	red/blu - red/yel	A	drivers kick panel
Right Rear Window (Up/Down)	blu/wht - grn/red	A	drivers kick panel
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V	blue/red	+	radio harness
Radio Ground	black	-	radio harness
Radio Ignition	pink/blue	+	radio harness
Radio Illumination	lt. green/black	+	radio harness
Factory Amp Turn-on			
Power Antenna	N/A		
Left Front Speaker (+/-)	blu/org - purple	+,-	radio harness
Right Front Speaker (+/-)	wht/red - white	+,-	radio harness
Left Rear Speaker (+/-)	grn/org - green	+,-	radio harness
Right Rear Speaker (+/-)	yel/blk - pink	+,-	radio harness
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			

Smart Starter Kill Relay

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a
Alternate Part Notes:
n/a

Immobilizer Bypass Module

Required:	Yes
Type:	Transponder
Part #:	1100F
Alternate Part #'s:	1100X, 556UW, DesignTech 20402, DesignTech 29402

Notes:
When using the 1100F or 1100X, a software change to 1100MA is needed.

Door Lock Interface Module

Required:	No
Type:	Multiplex
Part #:	456LW
Alternate Part #'s:	

Notes:

Additional Wiring Notes

Item	Note
Disarm No Unlock	The white is the key sense wire. It will test positive with the key in the ignition cylinder.
Hood Pin	The theft module is located high in the drivers kick panel.
Power Lock	Lock and unlock use the same wire. Lock requires a negative trigger with a 1200 ohm resistor in-line. Unlock is negative trigger. Must use relays. The theft module is located high in the drivers kick panel.