

DIRECTWIRE™ WIRING INFORMATION – Mazda / Protege / 2003 / All Info

ITEM	Wire Color	POL	Wire Location
12volts	black/white and black	+	ignition harness
Starter	black/blue	+	ignition harness
Second Starter	N/A		
Ignition	blue	+	ignition harness
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	black/red	+	ignition harness
Second Accessory	black/white	+	ignition harness
Keysense	white	+	ignition harness
Power Lock	lt. green/red	-	door lock mod,left of column
Notes: Lock is negative trigger thru a 1,000 ohm resistor. Unlock is a straight negative trigger. MUST use relays. Also found at the keyless entry module under the rear deck, if equipped.			
Power Unlock	same wire as power lock		
Lock Motor	red	5wi	door lock mod,left of column
Unlock Motor	blue	5wi	door lock mod,left of column
Disarm Defeat	red/black	5wi	door lock mod,left of column
Parking Lights+	lt. green/black	+	driver kick, harness to rear
Parking Lights-	brown	-	headlight switch
Hazards	blue	-	hazard switch
Notes: Also found at the keyless entry module under the rear deck, if equipped.			
Turn Signal(L)	white/black	+	steering column
Turn Signal(R)	white/red	+	steering column
Headlight	red/yellow or white	-	headlight switch
Reverse Light	red/yellow	+	driver kick, harness to rear
Door Trigger	black/blue	-	driver kick, harness to rear
Notes: Also found at the keyless entry module under the rear deck, if equipped.			
Dome Supervision	use door trigger wire		
Trunk/Hatch Pin	red/green	-	light in trunk
Hood Pin	N/A		
Trunk/Hatch Release	N/A		
Power Sliding Door	N/A		
Factory Alarm Arm	lt. green	-	door lock mod,left of column
Notes: Arm is negative trigger thru a 1,000 ohm resistor. Disarm is a straight negative trigger. MUST use relays. Also found at the keyless entry module under the rear deck, if equipped.			
Factory Alarm Disarm	same wire as alarm arm		
Disarm No Unlock	N/A		
Tachometer	purple/white	ac	pin 48 at PCM below glovebox
Notes: The tach wire can also be found at the data link connector in the driver side rear corner of the engine compartment.			
Wait to start	N/A		
Speed Sense	purple/red or green/red		pin 58 at PCM below glovebox
Brake Wire	green/yellow	+	brake pedal switch

Parking Brake	green to blue/orange	-	parking brake switch
Horn Trigger	black/red	-	steering column
Notes: Also found at the keyless entry module under the rear deck, if equipped.			
Wipers	blue/wht (L), blue/red (H)	+	steering column
LF Window up/dn	red/black - yellow/green	A	driver window switch
RF Window up/dn	green/white - lt. green/blk	A	driver kick, door harness
LR Window up/dn	red/green - yellow/red	A	driver kick, door harness
RR Window up/dn	blue/white - green/red	A	driver kick, door harness
Sun Roof open/close	green - yellow	A	sun roof motor
Sun Roof Limit/close	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12v	blue/red	+	radio harness
Radio Ground	black	-	radio harness
Radio Ignition	pink/black	+	radio harness
Radio Illumination	lt. green/black	+	radio harness
Factory Amp Turn-on			
Power Antenna	N/A		
LF Speaker +/-	black/red - black/white	+, -	radio harness
RF Speaker +/-	red - white	+, -	radio harness
LR Speaker +/-	brown/white - brown	+, -	radio harness
RR Speaker +/-	green - green/orange	+, -	radio harness
Immobilizer Bypass Module:	Required: No	Type: N/A	Part #: N/A
Notes:			

DISCLAIMER

This wiring information is being provided free of charge on an "as is" basis, without any representation or warranty. It is your responsibility to verify any circuit before interfacing with it using a digital multimeter. Directed electronics, Inc. assumes no responsibility with regards to the accuracy or currency of this information. Proper installation in every case is and remains the responsibility of the installer. DEI assumes no liability or responsibility resulting from improper installation, even in reliance upon this information.