

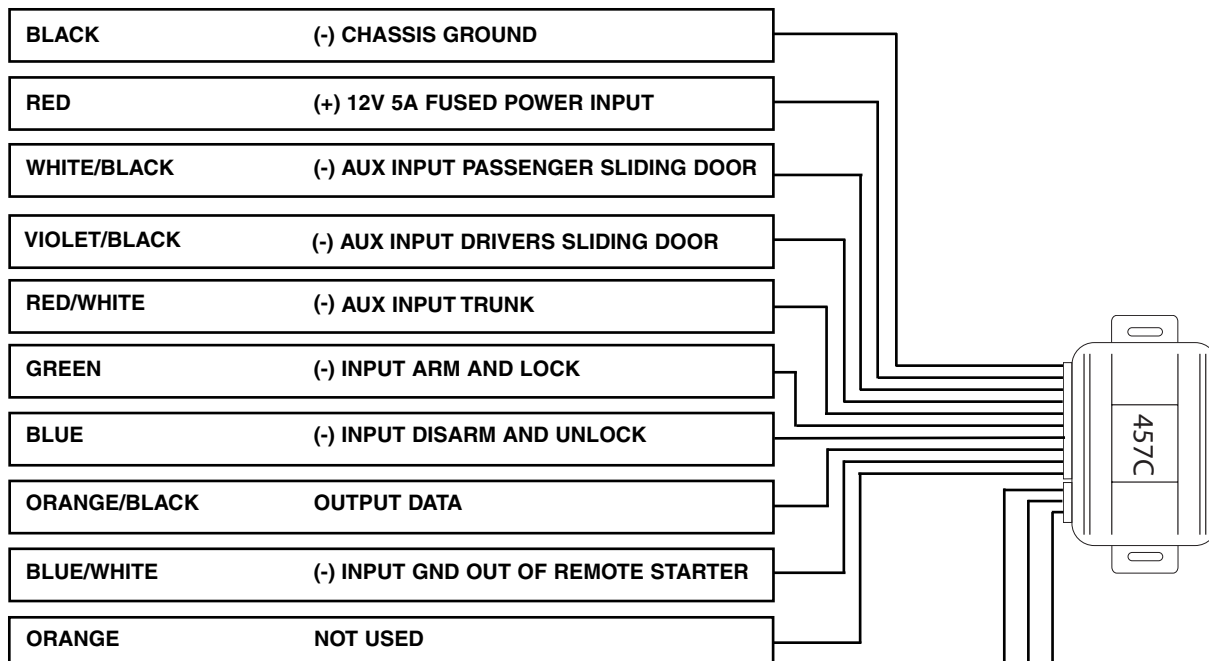
457C CHRYSLER DATA BUS INTERFACE

IMPORTANT! Please read this installation guide thoroughly before installing the 457C. Use only a high quality digital multi-meter for testing. This product connects to the vehicle's low voltage signal wire and improper installation or testing can result in damage to the vehicle. Never use a test light or logic probe to test wires in this vehicle!

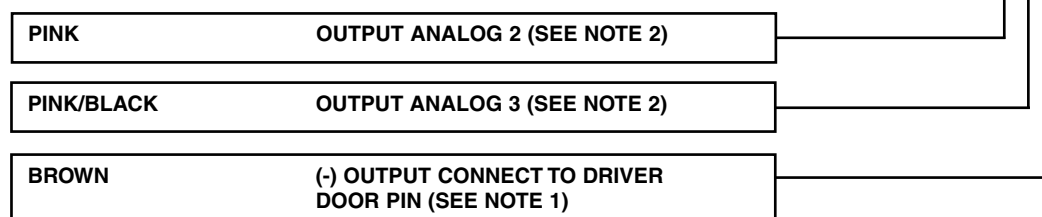
The 457C interfaces with specific Chrysler vehicles. It converts the signals from the keyless entry, alarm, or remote start into signals that can be understood by the vehicles factory Data Bus system. This allows for interfacing with various factory options such as factory alarms, sliding doors, etc.

NOTE: The sliding door and trunk features are not available on all platforms.

wiring diagram—main harness



wiring diagram—door lock harness (only used for Liberty)



NOTE 1: The door lock and factory alarm connections must be connected to the BCM or the driver's kick panel.

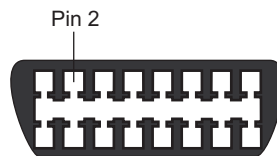
NOTE 2: For Liberty only—To control the factory alarm, connect the BROWN wire to the door pin wire and connect both Analog 2 and Analog 3 to the vehicle.

car list

MODEL	YEAR
Cherokee	1999, 2000, 2001
Grand Cherokee	1999, 2000, 2001, 2002, 2003, 2004
Wrangler	1999, 2000, 2001, 2002, 2003, 2004
Liberty	2002, 2003, 2004
Dakota	2002, 2003, 2004
Durango	2000, 2001, 2002, 2003
300m	2002, 2003, 2004
Concorde	2002, 2003, 2004
LHS	2002, 2003, 2004
Intrepid	2002, 2003, 2004
RAM	2003
RAM 2004	2004
PT Cruiser	2002, 2003, 2004
Neon	2002, 2003, 2004
Sebring	2002, 2003, 2004
Stratus	2002, 2003, 2004
Town & Country	2001, 2002, 2003
Caravan	2001, 2002, 2003

wire connection guide - main harness

WIRE	DESCRIPTION
BLACK	Remove any paint from the connection area and connect this wire to bare metal, preferably in the driver's kick panel. Do not use the steering column or underdash bracing.
RED	Connect this wire to a constant 12V power source located at the ignition or battery terminal.
WHITE/BLACK	Connect this wire to the Auxiliary Channel output from the Security/Keyless module. This input will control the open/close of the passenger's sliding door.
VIOLET/BLACK	Connect this wire to the Auxiliary Channel output from the Security/Keyless module. This input will control the open/close of the driver's sliding door.
RED/WHITE	Connect this wire to the Auxiliary Channel output from the Security/Keyless module. This input will control the open/close of the vehicle's rear door.
GREEN	Connect this wire to the Door Lock output from the Security/Keyless module.
BLUE	Connect this wire to the Door Unlock output from the Security/Keyless module.
ORANGE/BLACK	Connect this wire to the data wire in the vehicle. This wire is located at the Diagnostic connector located under the driver's side dash. The data wire in this connector is also Orange/Black (see figure below pin-2).
BLUE/WHITE	Connect this wire to the Status output from the Remote Start module or the negative output from the unit when the vehicle is remote started.
ORANGE	Not used.



Diagnostic plug—view from the front
Located below the dash—driver's side

wire connection guide - door lock harness (only used for Liberty)

WIRE	DESCRIPTION
PINK	Connect this wire to the vehicle's lock/unlock wire (Pink/Purple).
PINK/BLACK	Connect this wire only if the vehicle has a factory security system, then connect it to the vehicle's factory alarm Arm/Disarm wire (Light Green/Orange).
BROWN	Connect this wire only if the vehicle has a factory security system, then connect it to the vehicle's driver's door trigger wire (Tan).

programming

Connect the Door Lock harness followed by connecting the Main harness. Turn the key ON, wait for the horn or key buzzer to sound 3-times. Turn the key OFF. The module is now programmed.