

PIN NUMBER – PIN FUNCTION

1 – GND
 2 – IGN
 3 – OPTIONAL RESISTOR LOOPBACK
 4 – CAN0_H
 5 – OPTIONAL RESISTOR LOOPBACK
 6 – CAN0_L
 7 – PT4
 8 – CAN1_H
 9 – PT3
 10 – CAN1_L
 11 – PT2
 12 – 12VIN
 13 – PT1
 14 – 12VIN
 15 – PT1
 16 – IGN
 17 – PT2
 18 – CAN1_H
 19 – PT3
 20 – CAN1_L
 21 – PT4
 22 – CAN2_H
 23 – OPTIONAL RESISTOR LOOPBACK
 24 – CAN2_L
 25 – OPTIONAL RESISTOR LOOPBACK
 26 – GND

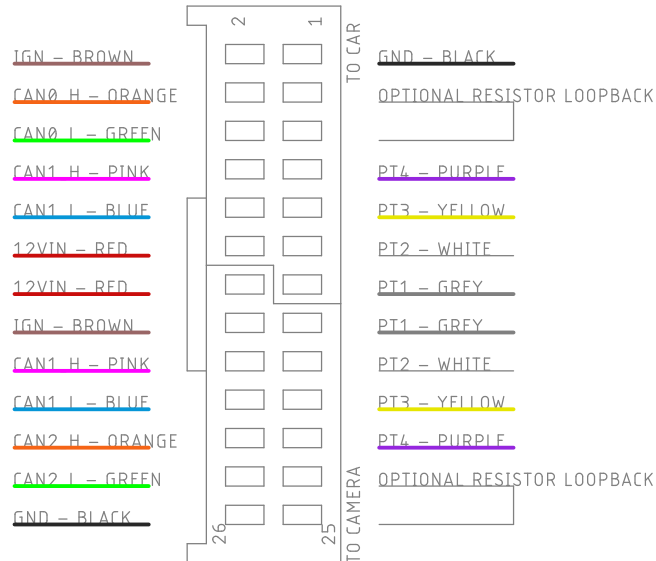
CAN BUS ENUMERATION

CAN0 – CAR MAIN
 CAN1 – RADAR
 CAN2 – CAMERA MAIN
 CAN3 – CAR MAIN (AT OBDII)

1200hm BUS0 RESISTANCE -> JUMPER P3 TO P5
 60 0hm BUS2 RESISTANCE -> JUMPER P23 TO P25
 BUS2 ALWAYS HAS 1200hm RESISTANCE UNLESS JUMPERED, THEN 600hm
 PT = PASSTHROUGH WIRES

CONNECTOR P/N: 5016462600
 CONNECTOR CRIMP PINS: 5016471000
 CAN PURCHASE AT DIGIKEY

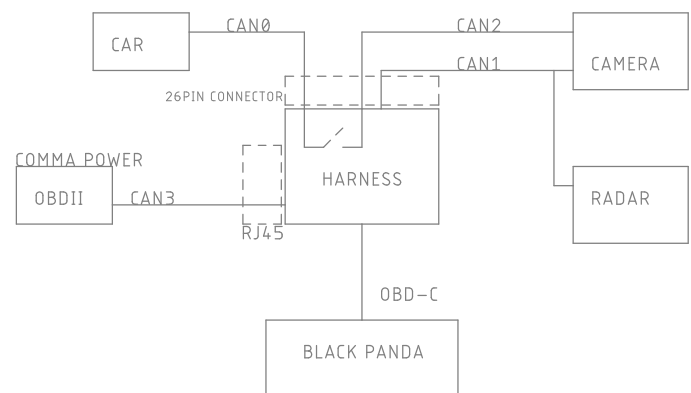
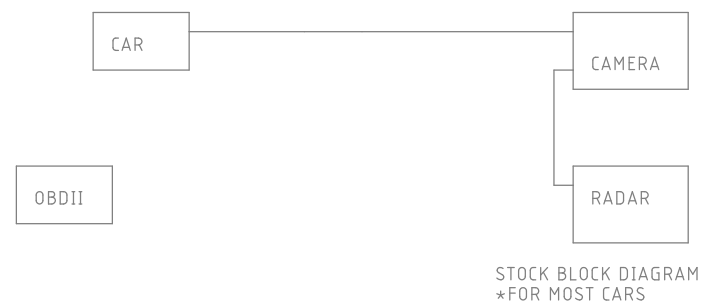
Looking at the wire side of the cable connector



RJ45 PIN OUT BETWEEN COMMA POWER AND HARNESS



FUNCTIONAL DIAGRAM



CAR HARNESS BLOCK DIAGRAM
 *FOR MOST CARS

comma.ai
 you can copy this!



TITLE: open_pinout

Design by:

REV:

Date: 11/13/19 9:27 AM

Sheet: 1/1