

# TSN00744 (NCT09699445) - CAN BREAKOUT HARNESS - 20 POSITION

## Purpose

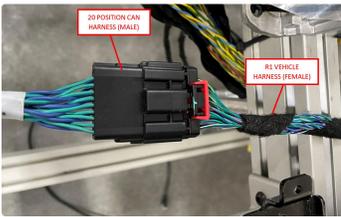
This tool is used to communicate with ECU's on the 20 position vehicle breakout.

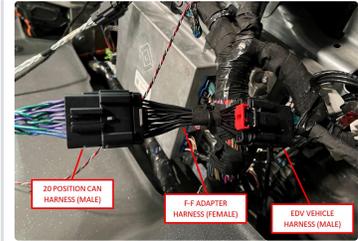
\*NOTE: For ECU's on the 12 position vehicle breakout use p/n NCT09630654

## Tool Diagram



## Tool Operation

Step		
1	<p>Locate the vehicles 20 position CAN breakout and connect the harness.</p> <p>*NOTE: CAN breakout connectors differ between vehicle programs. The vehicle harness for the R1 program can connect directly to the breakout mating connector on the service harness. EDV requires the F-F adapter to be connected between the vehicle and the service harnesses.</p>	<p><b>R1 BREAKOUT</b></p>  <p><b>EDV BREAKOUT</b></p>



2 Each DB9 connector is labeled with a CAN ID number. Use the connector map to determine which DB9 corresponds to the CAN network you would like to communicate with.

**\*NOTE:** CAN networks and names differ between R1 and EDV.

**20 PIN CONNECTOR MAP - R1**

CAN ID	CANBUS NAME
CAN1	BODY_LH
CAN2	BODY_EXT_LH
CAN3	BODY_RH
CAN4	BODY_EXT_RH
CAN5	FRONT_OBJ
CAN6	FRONT_OBJ_FD
CAN7	C_RADAR
CAN8	PARK
CAN9	C_RADAR_FD
CAN10	-

**20 PIN CONNECTOR MAP - EDV**

CAN ID	CANBUS NAME
CAN1	PLATFORM
CAN2	FALLOVER_FD
CAN3	PMU_ACTUATOR
CAN4	SEC_ACTUATOR
CAN5	FRONT_OBJECT
CAN6	FRONT_OBJECT_FD
CAN7	FRONT_CORNER_RADAR
CAN8	PARK_ASSIST
CAN9	CORNER_RADAR
CAN10	-