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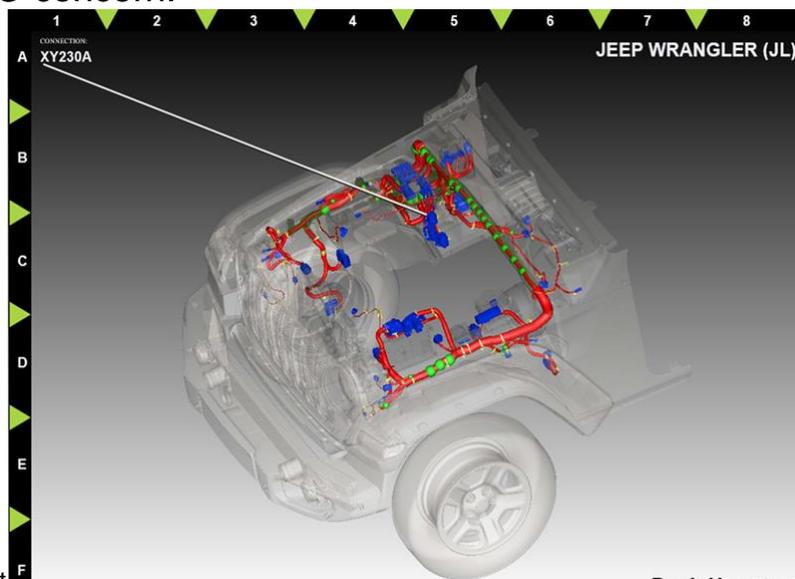
Case Number: S2008000158

Release Date: 10/28/2020

Symptom/Vehicle Issue: Check Engine Light (CEL), No Crank, Cluster Shows Not In Park (Vehicle Still Able To Obtain Park) Due To Terminal Push Out (TPO) Of The XY230A Inline Connector

Discussion: The customer may state that the Check Engine Lamp is on, the vehicle exhibits a no crank no start, and the cluster shows not in park position though vehicle is still able to obtain Park. Engineering has determined these concerns could be caused by a Terminal Push Out (TPO) condition of the XY230A.

Diagnosis: It is advised to inspect all 34 terminals housed in the XY230A connector for a potential TPO concern.

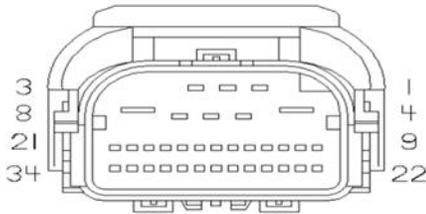


This document does not aut NOTE: This Harness Assembly is a COMPOSITE depicting all available options. Some connectors may not be present on vehicle. Dash Harness experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

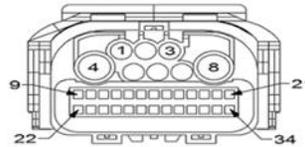
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Mating Side:



Wire Insertion Side:



Isometric View:



1	Dash	Z907	BK / BU	GROUND
	Transmission	Z907	BK	GROUND
2	All Variants	Z909	BK	GROUND
3	Dash	Z907	BK / VT	GROUND
	Transmission	Z907	BK	GROUND
4	All Variants	T108	DG / VT	VACUUM PUMP RELAY OUTPUT
5	Dash	N0	NA	NO CONNECT
	Dash	T316	YE / GY	SHIFT MOTOR CONTROL B
	Transmission	T316	YE / GY	SHIFT MOTOR CONTROL B
6	Dash	N0	NA	NO CONNECT
	Dash	T315	YE / BN	SHIFT MOTOR CONTROL A
	Transmission	T315	YE / BN	SHIFT MOTOR CONTROL A
7	All Variants	A501	RD / BU	FUSED B(+)
8	Dash	T750	YE / GY	STARTER RELAY OUTPUT
	Transmission	T750	YE / GY	STARTER RELAY OUTPUT
9	All Variants	F1	PK / WH	IGNITION OFF/RUN/START CONTR
10	Dash	N0	NA	NO CONNECT

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	Dash	T307	YE / DB	TRANSFER CASE ENCODER SIG 0
	Transmission	T307	YE / DB	TRANSFER CASE ENCODER SIG 0
11	All Variants	K200	BN / YE	SENSOR GROUND
12	All Variants	N0	NA	NO CONNECT
13	All Variants	D511	WH / BG	LIN BUS
14	Dash	N0	NA	NO CONNECT
	Dash	T308	YE / BU	TRANSFER CASE ENCODER SIG 1
	Transmission	T308	YE / BU	TRANSFER CASE ENCODER SIG 1
15	Dash	K504	BN	DRIVETRAIN 5 VOLT SUPPLY
	Dash	N0	NA	NO CONNECT
	Transmission	K504	BN	DRIVETRAIN 5 VOLT SUPPLY
16	Dash	N0	NA	NO CONNECT
	Dash	T317	YE / BG	STEP MOTOR CONTROL D
	Transmission	T317	YE / BG	STEP MOTOR CONTROL D
17	All Variants	N18	DB / BU	FUEL QUANTITY SOLENOID 12 VO
18	All Variants	N17	DB / DG	FUEL QUANTITY CONTROL
19	All Variants	K917	BN / BG	SENSOR GROUND
20	Dash	K181	BN / YE	FUEL PRESSURE SIGNAL
	Dash	K181	BN / YE	FUEL PRESSURE SIGNAL
	Transmission	K181	BN / YE	FUEL PRESSURE SIGNAL
21	Dash	K859	BN / DB	5 VOLT SUPPLY
	Transmission	K859	BN / DB	5 VOLT SUPPLY
22	All Variants	A190	YE / RD	FUSED B(+)
23	All Variants	N0	NA	NO CONNECT
24	Dash	T314	YE / BU	TRANSFER CASE RANGE POSITIO

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	Transmission	T314	YE / BU	TRANSFER CASE RANGE POSITION
25	Dash	N0	NA	NO CONNECT
	Dash	T301	DG / YE	SWITCHED BATTERY SOLENOID S
	Transmission	T301	DG / YE	SWITCHED BATTERY SOLENOID S
26	All Variants	K222	BN / YE	CHARGE AIR COOLANT TEMP SIG
27	Dash	K594	BN / GN	DRIVETRAIN SENSOR RETURN
	Dash	N0	NA	NO CONNECT
	Transmission	K594	BN / GN	DRIVETRAIN SENSOR RETURN
28	Dash	K977	BN / WH	MODE SELECT
	Transmission	K977	BN / WH	MODE SELECT
29	All Variants	D29	VT / WH	CAN C (+)
30	All Variants	D30	YE	CAN C (-)
31	All Variants	D440	WH / BN	DATA BUS(-) ESHIFT
32	All Variants	D441	WH / OG	DATA BUS(+) ESHIFT
33	All Variants	N0	NA	NO CONNECT
34	All Variants	N0	NA	NO CONNECT

XY230A Connector

Repair: Reinsert the terminals into the XY230A connector ensuring they are properly retained.

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