

WIRE NO.	WIRE COLOR	WIRE GAUGE	FROM	PIN	TERMINAL	TO	PIN	TERMINAL
020	BLACK	10	ENGINE BOLT		3/8 RING			
020A	BLACK	10	INSTRUMENT PANEL BOLT		1/4 STAR RING			
020B	BLACK	16	FUEL LEVEL SENDER		#10 RING			
020C	BLACK	16	POWER RELAY	89	1/4 FEMALE PUSH-ON			
024	BLUE	16	FUSE 5		1/4 FEMALE PUSH-ON			
025	BLACK	16	FUEL PUMP CONNECTOR	2	DEUTSCH 0460-202-16141	HYDRAULIC COOLING FAN	A	12124580 & 12015323
026	RED	16	FUEL PUMP CONNECTOR	1	DEUTSCH 0460-202-16141	FUEL PUMP	2	DEUTSCH 0462-201-16141
040	BLACK	16	INSTRUMENT PANEL BOLT		1/4 STAR RING	LIFT ARM HARNESS 2	A	12124582 & 12015323
051			INSTRUMENT PANEL BOLT		1/4 STAR RING			
051A			HYDRAULIC COOLING FAN	B	12124580 & 12015323			
051B			CLOGGED FILTER LIGHT	D	12124582 & 12015323			
051C	BLACK	16	FIRE IN HOPPER LIGHT	F	12124582 & 12015323			
051D			R.T.R. LIGHT 1	B	12124582 & 12015323			
051E			R.T.R. LIGHT 2	D	12124582 & 12015323			
051F			LIGHTS SWITCH LED	7	AMP 60253-2			
060	BLACK	16	INSTRUMENT PANEL BOLT		1/4 STAR RING	FILTER SHAKER TIMER	C	12124582 & 12015323
100	RED	8	STARTER		5/16 RING	POWER STANDOFF		
101	RED	10	POWER STANDOFF		1/4 RING	CIRCUIT BREAKER		
102	ORANGE	10	CIRCUIT BREAKER		#10 RING	POWER RELAY	30	#10 RING
110	RED	10	POWER RELAY	87	#10 RING	POWER RELAY		
200	RED	16	POWER RELAY	86	1/4 FEMALE PUSH-ON	MACHINE INTERFACE CONNECTOR	2	DEUTSCH 0460-202-16141
201	RED	16	KEY SWITCH CONNECTOR	2	DEUTSCH 0460-202-16141	KEY SWITCH	2	DEUTSCH 0462-201-16141
202	RED	16	KEY SWITCH CONNECTOR	3	DEUTSCH 0460-202-16141	KEY SWITCH	1	DEUTSCH 0462-201-16141
203	RED	16	KEY SWITCH CONNECTOR	4	DEUTSCH 0460-202-16141	KEY SWITCH	4	DEUTSCH 0462-201-16141
204	RED	16	KEY SWITCH CONNECTOR	5	DEUTSCH 0460-202-16141	KEY SWITCH	5	DEUTSCH 0462-201-16141
210	BLACK	16	MVP CONNECTOR A	6	DEUTSCH 0462-201-16141			
210A			CONTROLLER CONNECTOR	1	DEUTSCH 0460-202-16141			
210B			CONTROLLER CONNECTOR	12	DEUTSCH 0460-202-16141			
211	RED	16	MVP CONNECTOR A	1	DEUTSCH 0462-201-16141	CONTROLLER CONNECTOR	10	DEUTSCH 0460-202-16141
212	YELLOW	16	MVP CONNECTOR A	2	DEUTSCH 0462-201-16141	CONTROLLER CONNECTOR	9	DEUTSCH 0460-202-16141
213	GREEN	16	MVP CONNECTOR A	3	DEUTSCH 0462-201-16141	CONTROLLER CONNECTOR	5	DEUTSCH 0460-202-16141
214	ORANGE	16	MVP CONNECTOR A	5	DEUTSCH 0462-201-16141	CONTROLLER CONNECTOR	7	DEUTSCH 0460-202-16141

NOTE: WIRES 212 & 213 MUST BE TXL TWISTED PAIR, LEFT HAND TWIST, EVERY 3/4 INCH.

WIRE NO.	WIRE COLOR	WIRE GAUGE	FROM	PIN	TERMINAL	TO	PIN	TERMINAL
231	LIGHT BLUE	16	THROTTLE SWITCH	1	AMP 60253-2	MVP CONNECTOR B	5	DEUTSCH 0462-201-16141
232	YELLOW	16	THROTTLE SWITCH	3	AMP 60253-2	MVP CONNECTOR B	2	DEUTSCH 0462-201-16141
233	BLACK	16	THROTTLE SWITCH	2	AMP 60253-2	MVP CONNECTOR B	6	DEUTSCH 0462-201-16141
300	PINK	16	FUSE 2		1/4 FEMALE PUSH-ON	HORN BUTTON		
301	GRAY	16	HORN BUTTON		1/4 FEMALE PUSH-ON	HORN		
400	YELLOW	16	FUSE 1		1/4 FEMALE PUSH-ON	LIGHTS SWITCH	2	AMP 60253-2
401			LIGHTS SWITCH	3	AMP 60253-2			
401A			LIFT ARM HARNESS 1	A	12124580 & 12015323			
401B			RIGHT TAILLIGHT	A	12124580 & 12015323			
401C			LEFT TAILLIGHT	A	12124580 & 12015323			
401D			LIGHTS SWITCH	3	AMP 60253-2			
531	DARK GREEN	16	MACHINE INTERFACE CONNECTOR	8	DEUTSCH 0460-202-16141	LIGHTS SWITCH LED	B	AMP 60253-2
600	ORANGE	16	FUSE 4		1/4 FEMALE PUSH-ON	FUEL LEVEL SENDER		
600A	ORANGE	16	FILTER SHAKER BUTTON		1/4 FEMALE PUSH-ON	FILTER SHAKER TIMER	B	12124582 & 12015323
601	VIOLET	16	FILTER SHAKER BUTTON		1/4 FEMALE PUSH-ON	FILTER SHAKER TIMER	A	12124582 & 12015323
603	RED	16	FILTER SHAKER TIMER	D	12124582 & 12015323	LIFT ARM HARNESS 1	B	12124580 & 12015323
610			FUSE 3		1/4 FEMALE PUSH-ON			
610A	WHITE	16	CLOGGED FILTER SWITCH	B	12124582 & 12015323			
610B			FIRE IN HOPPER SWITCH	A	12124580 & 12015323			
610C			LIFT ARM HARNESS 1	C	12124580 & 12015323			
611	DARK BLUE	16	LIFT ARM HARNESS 2	B	12124582 & 12015323	R.T.R. LIGHT 1	A	12124582 & 12015323
621	BROWN	16	LIFT ARM HARNESS 2	C	12124582 & 12015323	R.T.R. LIGHT 2	C	12124582 & 12015323
631	DARK BLUE	16	CLOGGED FILTER SWITCH	A	12124582 & 12015323	CLOGGED FILTER LIGHT	C	12124582 & 12015323
641	DARK GREEN	16	FIRE IN HOPPER SWITCH	B	12124580 & 12015323	FIRE IN HOPPER LIGHT	E	12124582 & 12015323
650	YELLOW	16	MACHINE INTERFACE CONNECTOR	7	DEUTSCH 0460-202-16141	NEUTRAL SWITCH	A	12124582 & 12015323
651	YELLOW	16	NEUTRAL SWITCH JUMPER	A	12124580 & 12015323	NEUTRAL SWITCH JUMPER	B	12124580 & 12015323
652	BLACK	16	INSTRUMENT PANEL BOLT		1/4 STAR RING	NEUTRAL SWITCH	B	12124582 & 12015323

WIRE NO.	WIRE COLOR	WIRE GAUGE	FROM	PIN	TERMINAL	TO	PIN	TERMINAL
47								
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NOTES:
 ALL WIRE TO BE SAE J1128 TXL.
 ALL 8 DIGIT TERMINAL NUMBERS ARE DELPHI PACKARD ELECTRIC UNLESS NOTED.
 ALL LENGTHS SHOWN IN INCHES.
 DRAWING NOT TO SCALE.
 ADD SPLIT CONDUIT TO HARNESS AS SHOWN.

WIRE TOLERANCES:
 0-1" ± 1/16"
 >1"-12" ± 1/4"
 >12" ± 1/2"

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TITLE: HARNESS, MAIN 10X DOMESTIC SCALE: NTS
 MATERIAL: SEE NOTES FINISH: SEE NOTES

TOLERANCES (UNLESS OTHERWISE SPECIFIED):
 0-1" ± 1/16"
 >1"-12" ± 1/4"
 >12" ± 1/2"
 ANGLES ± 30'

SIZE: DRAWN BY KHH DATE: 12/05/2018
 CHECKED BY KHH
 P.N. 749055
 14846 US ROUTE 20 PHOENIX GROVE, IL 60140
 SHEET 3 OF 3