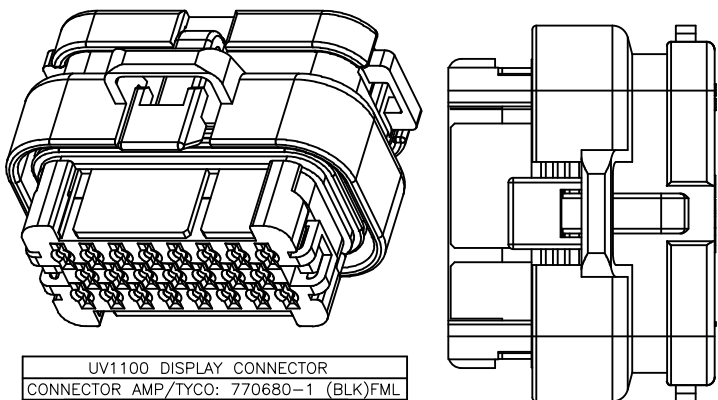


- NOTES:
- THIS HARNESS ASSEMBLY IS TO BE BUILT PER THE CLASS 1 WIRING ASSEMBLY SPEC #122337 UNLESS OTHERWISE SPECIFIED, (ON THIS DRAWING).
 - ALL DIMENSIONS ARE IN INCHES.
 - ENDPOINTS AND OR BRANCH LENGTH REFERENCES ARE FROM THE REAR OF THE ENDPOINT CONNECTOR TO THE MAIN PIGTAIL CONNECTOR.
 - ALL CIRCUITS TO BE AUTOMOTIVE WIRE TYPE GXL & CLASS 1 103349.
 - 770520-3 GOLD CONTACTS MUST BE APPLIED TO THE CAN BUSS CIRCUITS IN THE AMP/TYCO PIGTAIL DISPLAY CONNECTOR.
 - ONLY INSERT CAVITY PLUGS 770678-1 INTO THE DISPLAY CONNECTOR, ONLY IF A TERMINAL AND CIRCUIT WIRE HAS BEEN PREVIOUSLY POPULATED INTO A CAVITY POSITION.
 - 0462-201-1631 GOLD CONTACTS MUST BE APPLIED TO THE CAN BUSS CIRCUITS IN THE DEUTSCH BUSS NETWORK CONNECTORS.
 - LOOM HARNESS TO WITHIN 2", REAR OF ENDPOINT CONNECTOR. LOOM THIS HARNESS VIA THE PRINT DRAWING, TO WITHIN 2" OF ALL BRANCH ENDPOINTS UNLESS OTHERWISE SPECIFIED AND OR NOTED. MAIN BODY & BRANCH LEGS TO HAVE "GREEN & RED LOOM & GREEN & RED ELECTRICAL TAPE" APPLIED. THE HARNESS SUPPLIER TO JUDGE FITMENT OF LOOM SIZES DURING ASSEMBLY FOR EACH BRANCH LEG AND BODY, REFERENCE SIZES HAS BEEN GIVEN.
 - NON LOOM SECTION OF THE HARNESS IS FROM THE REAR OF THE ENDPOINT CONNECTOR TO THE START OF THE LOOMED BRANCH LEG.
 - COLOR CABLE MARKERS ARE TO BE APPLIED TO THE CAN BUSS CABLES, REAR OF ENDPOINT CONNECTORS.
 - HARNESS PIGTAIL MAIN LABEL TO BE PLACED ONTO THE WIRE LEG OF THE POWER SOURCE BRANCH.
 - LABEL REFERENCE EACH INDIVIDUAL CONNECTOR ENDPOINT, PANDUIT OR EQUIVALENT WEATHERPROOF LABEL TYPES ARE ACCEPTABLE.

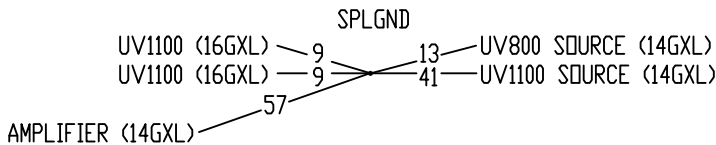
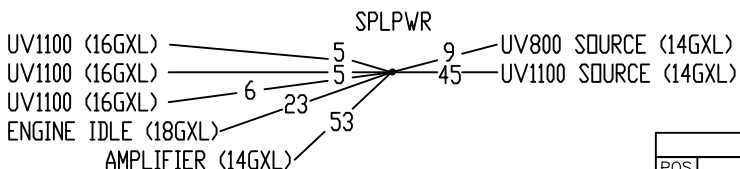
CONNECTOR IMAGE REFERENCE



UV1100 DISPLAY CONNECTOR			
CONNECTOR AMP/TYCO: 770680-1 (BLK)FML			
TERMINAL TYCO: 770520-1 (TIN)			
TERMINAL AMP/TYCO: 770520-3 (GOLD)			
CAVITY PLUG AMP/TYCO: 770678-1(NATURAL)			
LABEL ENDPOINT: "UV1100"			
POS	CIRCUIT	COLOR	GA
1	ENGINE IDLE INPUT	RED	18GXL
2	---	---	---
3	---	---	---
4	---	---	---
5	CAN LOW 1	GREEN	103349
6	CAN HIGH 1	YELLOW	103349
7	SYSTEM POWER	RED	16GXL
8	SYSTEM GROUND	BLACK	16GXL
9	---	---	---
10	---	---	---
11	---	---	---
12	---	---	---
13	---	---	---
14	---	---	---
15	IGNITION	WHITE	16GXL
16	SYSTEM GROUND	BLACK	16GXL
17	SYSTEM POWER	RED	16GXL
18	CAN LOW 2	GREEN	103349
19	CAN HIGH 2	YELLOW	103349
20	---	---	---
21	---	---	---
22	---	---	---
23	---	---	---

Note: CAN BUSS CABLE SHIELDS ARE NOT REQUIRED HERE. WRAP SHIELDS AROUND INNER CIRCUITS ABOVE CABLE JACKETS. APPLY BLACK SHRINK TUBE OVER INNER CIRCUIT WIRES AND CABLE JACKET END. CAN BUSS CABLE CIRCUITS TO GET GOLD TERMINALS APPLIED.

SPLICE REFERENCE



MASTER CIRCUIT LEGEND					
POS	CIRCUIT	COLOR	GA	SPL	LENGTH
1	SYSTEM POWER	RED	18GXL	SPLPWR	23"
2	SYSTEM POWER	RED	16GXL	SPLPWR	10"
3	SYSTEM POWER	RED	14GXL	SPLPWR	107"
4	IGNITION	WHITE	16GXL	SPLPWR	6"
5	SYSTEM GROUND	BLACK	16GXL	SPLGND	18"
6	SYSTEM GROUND	BLACK	14GXL	SPLGND	111"
7	CAN 1	GREY	103349	STRAIGHT	38"
8	CAN 2	GREY	103349	STRAIGHT	38"
9	ENGINE IDLE INPUT	RED	18GXL	STRAIGHT	20"

DISCHARGE BUSS

CAN BUSS 2

B2-3/8-2

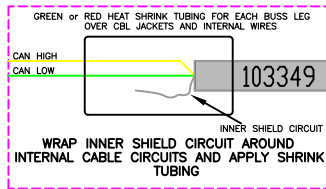
HARNESS ID MARKER EXAMPLE

CABLE MARKERS CO, INC. 13805-C ALTON PKWY, IRVINE, CA. 92618
(949-699-1636)
ROBERT BENSON - rbenson@cablemarkers.com
DREW SMITH - ddsmith@cablemarkers.com

AFS BUSS

CAN BUSS 1

B2-3/8-5



DETAIL A

PROJECTION:



HARNESS PN#: 513-00***-000
SERIAL #*****
PRODUCTION DATE:09-**-2019
TEST DATE:09-**-2019

SUPPLIER
NAME

HARNESS LABEL EXAMPLE

CAN BUSS 1 (AFS/SAM)			
CONNECTOR DEUTSCH: DT06-3S (GRY) FEMALE			
LOCK DEUTSCH: W3S (ORG)			
TERMINAL DEUTSCH: 0462-201-1631 (GOLD)			
LABEL ENDPOINT: "AFS/SAM BUSS"			
POS	CIRCUIT	COLOR	GA
1	CAN HIGH 1	YELLOW	103349
2	CAN LOW 1	GREEN	103349
3	114017	---	---

CAN BUSS 2 (DISCHARGE)			
CONNECTOR DEUTSCH: DT06-3S (GRY) FEMALE			
LOCK DEUTSCH: W3S (ORG)			
TERMINAL DEUTSCH: 0462-201-1631 (GOLD)			
LABEL ENDPOINT: "DISCHARGE BUSS"			
POS	CIRCUIT	COLOR	GA
1	CAN HIGH 2	YELLOW	103349
2	CAN LOW 2	GREEN	103349
3	114017	---	---

AMPLIFIER			
CONNECTOR DELPHI: 12015792 BLK (TOWER)			
TERMINAL DELPHI: 12124580 FEMALE (TIN)			
SEAL DELPHI: 15324982 (GRN 18-16GA)			
LABEL ENDPOINT: "AMPLIFIER"			
POS	CIRCUIT	COLOR	GA
1	SYSTEM POWER	RED	14GXL
2	SYSTEM GROUND	BLACK	14GXL

ENGINE IDLE SWITCH			
TERMINAL PANDUIT: P18-10R, RED SHRINKTUBE			
LABEL ENDPOINT: "ENGINE IDLE"			
POS	CIRCUIT	COLOR	GA
1	SYSTEM POWER	RED	18GXL
2	ENGINE IDLE INPUT	RED	18GXL

UV800 SOURCE			
CONNECTOR DELPHI: 12010973 BLK (SHROUD)			
TERMINAL DELPHI: 12124582 MALE (TIN)			
SEAL DELPHI: 15324982 (GRN 18-16GA)			
LABEL ENDPOINT: "UV800 SOURCE"			
POS	CIRCUIT	COLOR	GA
1	SYSTEM POWER	RED	14GXL
2	SYSTEM GROUND	BLACK	14GXL

UV1100 SOURCE			
CONNECTOR DELPHI: 12015792 BLK (TOWER)			
TERMINAL DELPHI: 12124580 FEMALE (TIN)			
SEAL DELPHI: 15324982 (GRN 18-16GA)			
LABEL ENDPOINT: "UV1100 SOURCE"			
POS	CIRCUIT	COLOR	GA
1	SYSTEM POWER	RED	14GXL
2	SYSTEM GROUND	BLACK	14GXL

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
(INCHES ARE FOR REFERENCE, ONLY)
TOLERANCE FOR MILLIMETER DIMENSIONS:
X: ±1
XX: ±0.5
XXX: ±0.25
XXXX: ±0.125
ANGLES: ±0.25°
SURFACE TEXTURE IN $\mu m Ra$
REMOVE ALL SHARP EDGES, 0.25MAX

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MAKE OTHER DRAWINGS OR MACHINERY

FSG OF
DEX
DEX CORPORATION

MATERIAL

MADE FROM

FINISH

PROJECT

KA

JSJ

DATE

09/06/11

HALE GODIVA Class1

TITLE
HARNESS, UV1100, MAIN
AMP 23 POSITION

DRAWN

APPROVED

SCALE

SIZE

B

1/2

DRAWING NUMBER

513-00145-005

REV

B

SHEET

1 OF 1

REVISIONS					
ECN	REV.	ZONE	CHANGED FROM	BY	DATE
	A	-	INITIAL RELEASE	KA	09/06/19
4956	B	-	CORRECT PRINT TYPO'S AND DRAWING CORRECTIONS	KA	10/23/19