

NOTE: COVER WIRE RD-8-314 WITH PROTECTIVE SLEEVE

REV.	DESCRIPTION	DATE	CHANGE BY
A	INITIAL RELEASE	10/29/2019	ETR
B	ADDED COOLANT TEMP SWITCH, RENUMBERED CONNECTORS	10/30/2019	ETR
C	UPDATED WIRE LABELS, ADDED C17	06/03/2020	ETR

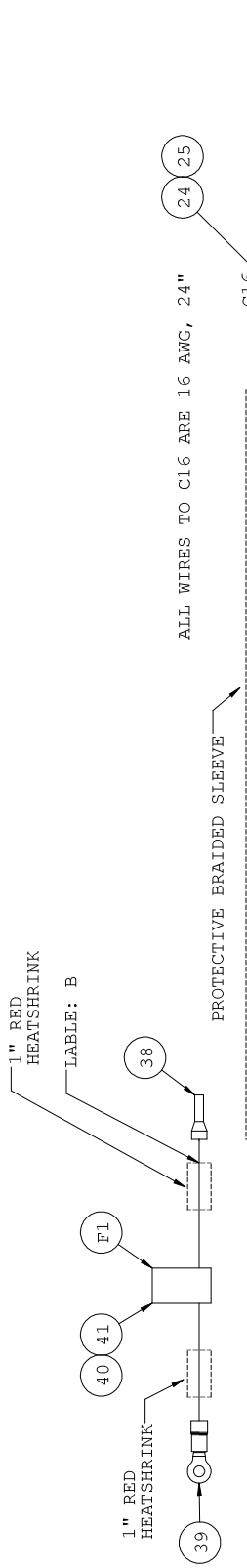
UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 WIRE LEGEND: (C=COLOR)(S=SIZE)(AWG)
 MATERIAL: (MATERIAL)
 FINISH: (FINISH)

DATE: 10/29/2019
 DRAWN BY: ETR
 CHECKED BY: ETR

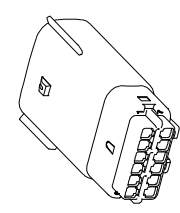
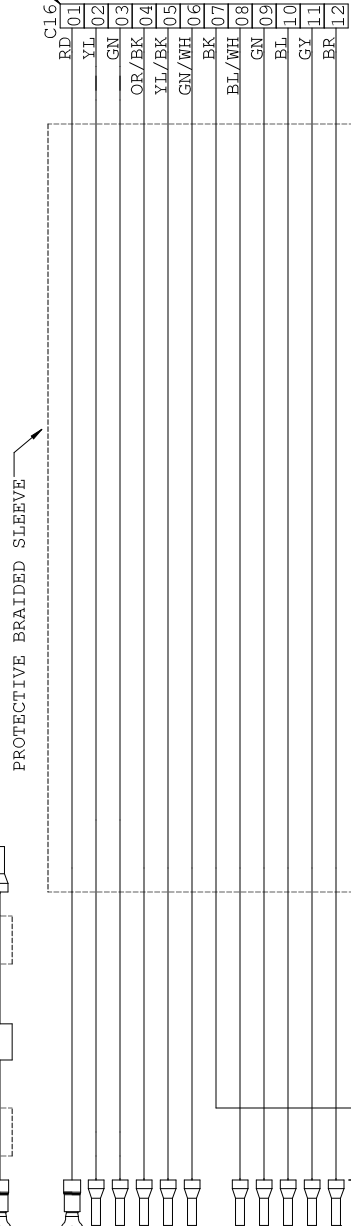
REVISION: 05
 KUBOTA 05 SERIES MECHANICAL GENSET TO DSE HARNESS

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REV: MI-1498-H
 SHEET 1 OF 3



ALL WIRES TO C16 ARE 16 AWG, 24"

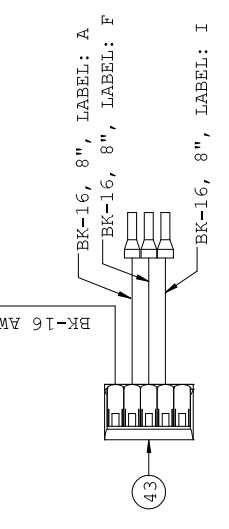


C16 FULLY ASSEMBLED

**LABEL FERRULE TERMINATED
WIRES AS INDICATED**

WIRE COLOR: LABEL

YL: M
GN: P
OR/BK: C
YL/BK: D
GN/WH: E
BL/WH: Q
GN: G
BL: K
GY: N
BR: J



UNLESS OTHERWISE SPEC:

DESIGNED BY	EIR
DRAWN BY	DO NOT SCALE DRAWING
DATE	10/29/2019
SCALE	1:1
WIRE LEGEND	(SPECIFY COLOR/AWG)
WIRE COLOR	(SPECIFY COLOR/AWG)
WIRE SIZE	(SPECIFY COLOR/AWG)
WIRE TYPE	(SPECIFY COLOR/AWG)

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MI-1498-H

REV. 05/19

DESCRIPTION: KUBOTA OS SERIES MECHANICAL GENSET TO DSE HARNESS

REV. 05/19

FUNCTION	LABEL	DSE CROSS REFERENCE										NOTE	
		INPUT/OUTPUT		3110	4410	4510	6110	7310					
BATT- BATT1	A	01	01	01	01	01	01	01	01	01	01	01	GROUND
	B	02	02	02	02	02	02	02	02	02	02	02	POSITIVE
ECU (ECM) POWER	C	03	03	03	03	03	03	03	03	03	03	03	FUEL RELAY
START RELAY	D	04	04	04	04	04	04	04	04	04	04	04	START SIGNAL
CHARGE FAIL	E	07	05	05	05	05	05	05	05	05	05	05	CHARGE FAIL/EXCITE
FUNCTIONAL EARTH	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	CHASSIS GROUND
NOT USED	G	05	06	06	07	07	07	07	07	07	07	07	EMPTY
GLOW RELAY	H	06	07	07	07	07	07	07	07	07	07	07	GLOW RELAY
COMMON A ARM	I	N/A	08	08	09	09	09	09	09	09	09	09	COMMON WARNING FOR MIL LAMP
NOT USED	J	N/A	09	09	10	10	10	10	10	10	10	10	EMPTY
SENSOR COMMON	K	N/A	10	10	10	10	10	10	10	10	10	10	SENSOR RETURN (GROUND)
OIL PRESSURE SW	L	N/A	11	11	11	11	11	11	11	11	11	11	OIL PRESSURE SW
COOLANT TEMP SW	M	N/A	12	12	12	12	12	12	12	12	12	12	COOLANT TEMP SW
OPTIONAL AIR REST/FUEL LVL	N	N/A	13	13	13	13	13	13	13	13	13	13	OPTIONAL AIR REST/FUEL LVL
REMOTE START ON GROUND	O	12	25	14	42	60							IO EXPANSION YL WIRE
F-STOP ON GROUND	P	13	26	15	43	61							IO EXPANSION GY WIRE
GENERIC STOP ON GROUND	Q	14	27	16	44	62							IO EXPANSION GN WIRE
COOLANT LEVEL SW ON GROUND	R	15	28	17	45	63							
CAN H	S	N/A	14	18	23	25							
CAN L	T	N/A	15	19	24	26							
CAN S	U	N/A	16	20	25	27							
GEN L1 (U) VOLTAGE MONITOR	V	09	17	21	29	43							
GEN L2 (V) VOLTAGE MONITOR	W	N/A	18	22	30	44							
GEN L3 (W) VOLTAGE MONITOR	X	N/A	19	23	31	45							
GEN (N) VOLAGE MONITOR	Y	08	20	24	32	46							
MAINS L1 (R) VOLTAGE MONITOR	Z	N/A	21	25	33	47							
MAINS L2 (S) VOLTAGE MONITOR	AA	N/A	22	26	34	48							
MAINS L3 (T) VOLTAGE MONITOR	AB	N/A	23	27	35	49							
MAINS (N) VOLTAGE MONITOR	AC	N/A	24	28	36	50							
CT (L1)	AD	N/A	N/A	29	37	51							
CT (L2)	AE	N/A	N/A	30	38	52							
CT (L3)	AF	N/A	N/A	31	39	53							
CT COMMON	AG	N/A	N/A	32	40	55							

NOTE: MI-1498-H CONNECTS KUBOTA 05 SERIES MECHANICAL ENGINE GENSETS TO A DEARSEA CONTROL PANEL. MI-1498-H WAS BASED ON MI-963-H. REFER TO THE DSE MODULE WIRE NUMBER CHART TO MATCH CONTROL PANEL WIRES FROM CONNECTOR C16.

UNLESS OTHERWISE SPEC:

WIRE LEGEND: (C)COLOR, (H)HAWG

DATE: 10/29/2019

DO NOT SCALE DRAWING

NOT FOR FAB CONSTRUCTION

FOR INFORMATION ONLY: THIS DRAWING IS NOT TO BE USED FOR FABRICATION OF THE PRODUCT UNLESS SPECIFICALLY NOTED OTHERWISE.

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MI-1498-H

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SCALE: 1:1

SHEET: 05

TOTAL SHEETS: 05