

NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

CREATED DRAWING	BDELAAT	12-20-2022	BDELAAT	12-20-2022	-	A
REVISION DESCRIPTION	REVISED BY	DATE	REVIEWED BY	DATE	ECO	REV

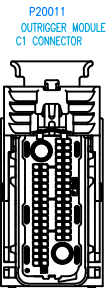
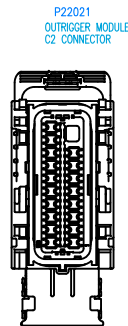
RELEASED

12-20-2022

<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</div> <div>WIRE LENGTH TOLERANCES SPEC = IPC/WHMA-A-620B</div> <div>< 1ft +1in -0in > 1ft-5ft +2in -0in > 5ft-10ft +4in -0in > 10ft-25ft +6in -0in > 25ft +5% -0%</div> <div>FRACTIONS ± 1/16in ± 1.59mm TOLERANCES ON DECIMALS: 1 PLACE 2 PLACE 3 PLACE in ± .030 ± .010 ± .005 mm ± .76 ± .25 ± .13</div> <div>ANGULAR DIMENSIONS ± 1 DEG DIMENSIONS IN () ARE REFERENCE REMOVE BURRS BREAK EDGES 0.01IN 0.25MM MAX MAX SURFACE ROUGHNESS 125✓</div>	THIRD ANGLE PROJECTION	ORIGINATED BY: BDELAAT	GLOBAL RESOURCES MUKWONAGO, WI 53149
		ORIGINATION DATE: 10-5-2022	
		PROJECT ENGINEER: BDELAAT	
		ACCOUNT MANAGER: MKAJA	
		MATERIAL: N/A	
	COATING/PLATING: NONE		
	CUSTOMER PART NUMBER: 03029360		
ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC.		SHT SIZE B	DRAWING NUMBER 20088758
		REV A	
		DRAWING REFERENCE:	PLOT SCALE: NONE
		SHEET INFO: 2 OF 4	

TITLE BLOCK REVISION DATE: 5-5-2021

34586-0001	1	0 (CAPVITY PLUG)	34586-0001	38	0 (CAPVITY PLUG)
34586-0001	2	0 (CAPVITY PLUG)	34586-0001	39	0 (CAPVITY PLUG)
34586-0001	3	0 (CAPVITY PLUG)	34586-0001	40	0 (CAPVITY PLUG)
34586-0001	4	0 (CAPVITY PLUG)	34586-0001	41	0 (CAPVITY PLUG)
34586-0001	5	0 (CAPVITY PLUG)	34586-0001	42	0 (CAPVITY PLUG)
34586-0001	6	0 (CAPVITY PLUG)	34586-0001	43	0 (CAPVITY PLUG)
34586-0001	7	0 (CAPVITY PLUG)	34586-0001	44	0 (CAPVITY PLUG)
34586-0001	8	0 (CAPVITY PLUG)	34586-0001	45	0 (CAPVITY PLUG)
34586-0001	9	0 (CAPVITY PLUG)	34586-0001	46	0 (CAPVITY PLUG)
34586-0001	10	0 (CAPVITY PLUG)	34586-0001	47	0 (CAPVITY PLUG)
34586-0001	11	0 (CAPVITY PLUG)	34586-0001	48	0 (CAPVITY PLUG)
34586-0001	12	0 (CAPVITY PLUG)	33467-0005	49	(5-2-49) SP23231:1 (BN_20_TXL)
33467-0005	13	(5-2-13) P23221:2 (BU_20_TXL)	34586-0001	50	0 (CAPVITY PLUG)
33467-0005	14	(5-2-14) P23251:2 (BU_20_TXL)	33467-0005	51	(5-2-51) P23351:1 (BU_18_TXL)
34586-0001	15	0 (CAPVITY PLUG)	33467-0005	52	(5-2-52) P23351:2 (BU_18_TXL)
34586-0001	16	0 (CAPVITY PLUG)	34586-0001	53	0 (CAPVITY PLUG)
34586-0001	17	0 (CAPVITY PLUG)	34586-0001	54	0 (CAPVITY PLUG)
34586-0001	18	0 (CAPVITY PLUG)	34586-0001	55	0 (CAPVITY PLUG)
34586-0001	19	0 (CAPVITY PLUG)	34586-0001	56	0 (CAPVITY PLUG)
34586-0001	20	0 (CAPVITY PLUG)	34586-0001	57	0 (CAPVITY PLUG)
34586-0001	21	0 (CAPVITY PLUG)	34586-0001	58	0 (CAPVITY PLUG)
34586-0001	22	0 (CAPVITY PLUG)	34586-0001	59	0 (CAPVITY PLUG)
34586-0001	23	0 (CAPVITY PLUG)	34586-0001	60	0 (CAPVITY PLUG)
34586-0001	24	0 (CAPVITY PLUG)	34586-0001	61	0 (CAPVITY PLUG)
34586-0001	25	0 (CAPVITY PLUG)	34586-0001	62	0 (CAPVITY PLUG)
34586-0001	26	0 (CAPVITY PLUG)	34586-0001	63	0 (CAPVITY PLUG)
34586-0001	27	0 (CAPVITY PLUG)	34586-0001	64	0 (CAPVITY PLUG)
34586-0001	28	0 (CAPVITY PLUG)	34586-0001	65	0 (CAPVITY PLUG)
33467-0005	29	(5-2-29) P23241:2 (BU_20_TXL)	34586-0001	66	0 (CAPVITY PLUG)
33467-0005	30	(5-2-30) P23271:2 (BU_20_TXL)	34586-0001	67	0 (CAPVITY PLUG)
34586-0001	31	0 (CAPVITY PLUG)	34586-0001	68	0 (CAPVITY PLUG)
34586-0001	32	0 (CAPVITY PLUG)	33467-0005	69	(5-2-69) SP23261:1 (BN_20_TXL)
34586-0001	33	0 (CAPVITY PLUG)	34586-0001	70	0 (CAPVITY PLUG)
34586-0001	34	0 (CAPVITY PLUG)	34586-0001	71	0 (CAPVITY PLUG)
34586-0001	35	0 (CAPVITY PLUG)	34586-0001	72	0 (CAPVITY PLUG)
34586-0001	36	0 (CAPVITY PLUG)	7158-3114-90	73	0 (CAPVITY PLUG)
34586-0001	37	0 (CAPVITY PLUG)			



- 1 () P20011:4 (BK_20_TXL)
- 2 () P20011:20 (BK_20_TXL)

34586-0001	1	()	(CAVITY PLUG)
34367-0005	2	(CAN-C L)	J20031:4 (GNL18_CABLE) CBL20061-GN
34586-0001	3	()	(CAVITY PLUG)
34367-0005	4	()	ADD20041:1 (BK_20_TXL)
34586-0001	5	()	(CAVITY PLUG)
34586-0001	6	()	(CAVITY PLUG)
34586-0001	7	()	(CAVITY PLUG)
34586-0001	8	()	(CAVITY PLUG)
34586-0001	9	()	(CAVITY PLUG)
34586-0001	10	()	(CAVITY PLUG)
34586-0001	11	()	(CAVITY PLUG)
34586-0001	12	()	(CAVITY PLUG)
34586-0001	13	()	(CAVITY PLUG)
34586-0001	14	()	(CAVITY PLUG)
34586-0001	15	()	(CAVITY PLUG)
34586-0001	16	()	(CAVITY PLUG)
34586-0001	17	()	(CAVITY PLUG)
34367-0005	18	(CAN-G H)	J20031:3 (YE_18_CABLE) CBL20061-YE
34586-0001	19	()	(CAVITY PLUG)
34367-0005	20	()	ADD20041:2 (BK_20_TXL)
34586-0001	21	()	(CAVITY PLUG)
34586-0001	22	()	(CAVITY PLUG)
34586-0001	23	()	(CAVITY PLUG)
34586-0001	24	()	(CAVITY PLUG)
34586-0001	25	()	(CAVITY PLUG)
34586-0001	26	()	(CAVITY PLUG)
34586-0001	27	()	(CAVITY PLUG)
34586-0001	28	()	(CAVITY PLUG)
34586-0001	29	()	(CAVITY PLUG)
34586-0001	30	()	(CAVITY PLUG)
34586-0001	31	()	(CAVITY PLUG)
34586-0001	32	()	(CAVITY PLUG)
34586-0001	33	()	(CAVITY PLUG)


34586-0001	34	() (CAVITY PLUG)
34586-0001	35	() (CAVITY PLUG)
34586-0001	36	() (CAVITY PLUG)
34586-0001	37	() (CAVITY PLUG)
34586-0001	38	() (CAVITY PLUG)
33467-0005	39	(5-1-39) P21011:2 (BU_20_TXL)
33467-0005	40	(5-1-40) P21041:2 (BU_20_TXL)
33467-0005	41	(5-1-41) P21071:2 (BU_20_TXL)
33467-0005	42	(5-1-42) P21101:2 (BU_20_TXL)
33467-0005	43	(5-1-43) P21131:2 (BU_20_TXL)
33467-0005	44	(5-1-44) P21161:2 (BU_20_TXL)
33467-0005	45	(5-1-45) SP21021:1 (BN_20_TXL)
33467-0005	46	(5-1-46) SP21081:1 (BN_20_TXL)
33467-0005	47	(5-1-47) SP21141:1 (BN_20_TXL)
34586-0001	48	() (CAVITY PLUG)
34586-0001	49	() (CAVITY PLUG)
34586-0001	50	() (CAVITY PLUG)
34586-0001	51	() (CAVITY PLUG)
34586-0001	52	() (CAVITY PLUG)
34586-0001	53	() (CAVITY PLUG)
34586-0001	54	() (CAVITY PLUG)
33467-0005	55	(5-1-55) P21031:2 (BU_20_TXL)
33467-0005	56	(5-1-56) P21061:2 (BU_20_TXL)
33467-0005	57	(5-1-57) P21091:2 (BU_20_TXL)
33467-0005	58	(5-1-58) P21121:2 (BU_20_TXL)
33467-0005	59	(5-1-59) P21151:2 (BU_20_TXL)
33467-0005	60	(5-1-60) P21181:2 (BU_20_TXL)
33467-0005	61	(5-1-61) SP21051:1 (BN_20_TXL)
33467-0005	62	(5-1-62) SP21111:1 (BN_20_TXL)
33467-0005	63	(5-1-63) SP21171:1 (BN_20_TXL)
34586-0001	64	() (CAVITY PLUG)
7116-4152-02	65	(1406) J20031:1 (RD_14_TXL)
7116-4152-02	66	(COM) SP20081:1 (BK_14_TXL)

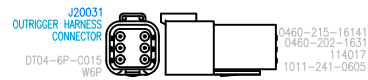


- | | | |
|----------------|---|--------------------------------|
| 0462-201-16141 | 1 | (5-2-51) P22021:51 (BU_18_TXL) |
| 0462-201-16141 | 2 | (5-2-52) P22021:52 (BU_18_TXL) |
| 0462-201-16141 | 3 | (COM) SP20081:1 (BK_18_TXL) |
| 0462-201-16141 | 4 | (COM) SP20081:1 (BK_18_TXL) |



- ```
1 (COM) P23351:3 (BK_18_TXL)
 (COM) P20011:66 (BK_14_TXL)
 (COM) P23351:4 (BK_18_TXL)
 (COM) J20031:2 (BK_14_TXL)
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|                                                                                     |   |                                               |
|-------------------------------------------------------------------------------------|---|-----------------------------------------------|
| 0460-215-16141                                                                      | 1 | (1406) P20011:65 (RD_14_TXL)                  |
| 0460-215-16141                                                                      | 2 | (COM) SP20081:1 (BK_14_TXL)                   |
| 0460-202-1631                                                                       | 3 | (CAN-G H) P20011:18 (YE_18_CABLE) CBL20061-YE |
| 20031<br>PRESS<br>ECTOR                                                             |   |                                               |
| C015<br>WEP                                                                         |   |                                               |
|  |   |                                               |
| 0460-202-1631                                                                       | 4 | (CAN-G L) P20011:2 (GN_18_CABLE) CBL20061-GN  |
| 114017                                                                              | 5 | (SHLD) (CAVITY PLUG)                          |
| 114017                                                                              | 6 | () (CAVITY PLUG)                              |



WIRE ANNOTATION LEGEND:

0462-201-16141 3 (1021) P7001:2 (BK-18) CBL1025



PIN TERMINAL (WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

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|                      |            |            |             |            |     |     |
|----------------------|------------|------------|-------------|------------|-----|-----|
| CREATED DRAWING      | BDELAAT    | 12-20-2022 | BDELAAT     | 12-20-2022 |     | A   |
| REVISION DESCRIPTION | REVISED BY | DATE       | REVIEWED BY | DATE       | ECO | REV |

RELEASED

12-20-2022

|                                                                                                               |  |                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                          |  |                                                                                                                                          |  |
|---------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>WIRE LENGTH TOLERANCES<br>SPEC = IPC/WHMA-A-620B    |  | THIRDO<br>ANGLE<br>PROJECTION<br>                                                                                                                                                                                  |  | ORIGINATED BY: BDELAAT<br>ORIGINATION DATE: 10-5-2022<br>PROJECT ENGINEER: BDELAAT<br>ACCOUNT MANAGER: MKAJA<br>MATERIAL: N/A<br>COATING/PLATING: NONE<br>CUSTOMER PART NUMBER: 03029360                                                 |  |  <b>GLOBAL<br/>RESOURCES</b><br>MUKWONAGO, WI 53149 |  |
| ≤ 1/16 +1in -0in<br>> 1/16 -1/8 +2in -0in<br>> 5/16-10ft +4in -0in<br>> 10ft-25ft +4in -0in<br>> 25ft +5% -0% |  | - FRACTIONS ± 1/16in ± 1.59mm<br>- TOLERANCES ON DECIMALS:<br>1 PLACE ± .030   2 PLACE ± .010   3 PLACE ± .005<br>in mm ± .76   ± .25   ± .13<br>- ANGULAR DIMENSIONS ± 1 DEG<br>- DIMENSIONS IN ( ) ARE REFERENCE<br>- REMOVE BURRS<br>- BREAK EDGES 0.01IN 0.25MM MAX<br>- MAX SURFACE ROUGHNESS 125√ |  | ALL TECHNICAL DATA ON THIS DRAWING IS<br>THE PROPERTY OF GS GLOBAL RESOURCES INC.<br>AND SHALL NOT BE USED BY OTHERS FOR<br>REPRODUCTION, PROCUREMENT, OR<br>DISCLOSURE WITHOUT THE WRITTEN<br>PERMISSION OF<br>GS GLOBAL RESOURCES INC. |  | DRAWING TITLE:<br><b>ROTATOR<br/>OUTRIGGER HARNESS<br/>ASSEMBLY DRAWING</b>                                                              |  |
| SHT SIZE: B<br>DRAWING NUMBER: 20087558<br>DRAWING REFERENCE:                                                 |  | REV: A<br>PLOT SCALE: NONE<br>SHEET INFO: 3 OF 4                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                          |  |                                                                                                                                          |  |

TITLE BLOCK REVISION DATE: 5-5-2021 

B

A



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CLARIFICATIONS, OR REQUESTED DEVIATIONS

|                      |            |            |             |            |     |     |
|----------------------|------------|------------|-------------|------------|-----|-----|
| CREATED DRAWING      | BDELAAT    | 12-20-2022 | BDELAAT     | 12-20-2022 | -   | A   |
| REVISION DESCRIPTION | REVISED BY | DATE       | REVIEWED BY | DATE       | ECO | REV |

RELEASED

12-20-2022

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

WIRE LENGTH TOLERANCES  
SPEC = IPC/WHMA-A-620B

|             |           |
|-------------|-----------|
| < 1ft       | +1in -0in |
| > 1ft-5ft   | +2in -0in |
| > 5ft-10ft  | +4in -0in |
| > 10ft-25ft | +6in -0in |
| > 25ft      | +5% -0%   |

FRACTIONS ± 1/16in ± 1.59mm  
TOLERANCES ON DECIMALS:

| 1 PLACE   | 2 PLACE | 3 PLACE |
|-----------|---------|---------|
| in ± .030 | ± .010  | ± .005  |
| mm ± .76  | ± .25   | ± .13   |

ANGULAR DIMENSIONS ± 1 DEG  
DIMENSIONS IN ( ) ARE REFERENCE  
REMOVE BURRS  
BREAK EDGES 0.01IN 0.25MM MAX  
MAX SURFACE ROUGHNESS 125✓

ORIGINATED BY:  
BDELAAT

ORIGINATION DATE:  
10-5-2022

PROJECT ENGINEER:  
BDELAAT

ACCOUNT MANAGER:  
MKAJA

MATERIAL:  
N/A

COATING/PLATING:  
NONE

CUSTOMER PART NUMBER:  
03029360

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PERMISSION OF:  
GS GLOBAL RESOURCES INC.

GLOBAL  
RESOURCES

MUKWONAGO, WI 53149

DRAWING TITLE:  
ROTATOR  
OUTRIGGER HARNESS  
ASSEMBLY DRAWING

|          |                |     |
|----------|----------------|-----|
| SHT SIZE | DRAWING NUMBER | REV |
| B        | 20088758       | A   |

DRAWING REFERENCE:

|             |             |
|-------------|-------------|
| PLOT SCALE: | SHEET INFO: |
| NONE        | 4 OF 4      |

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