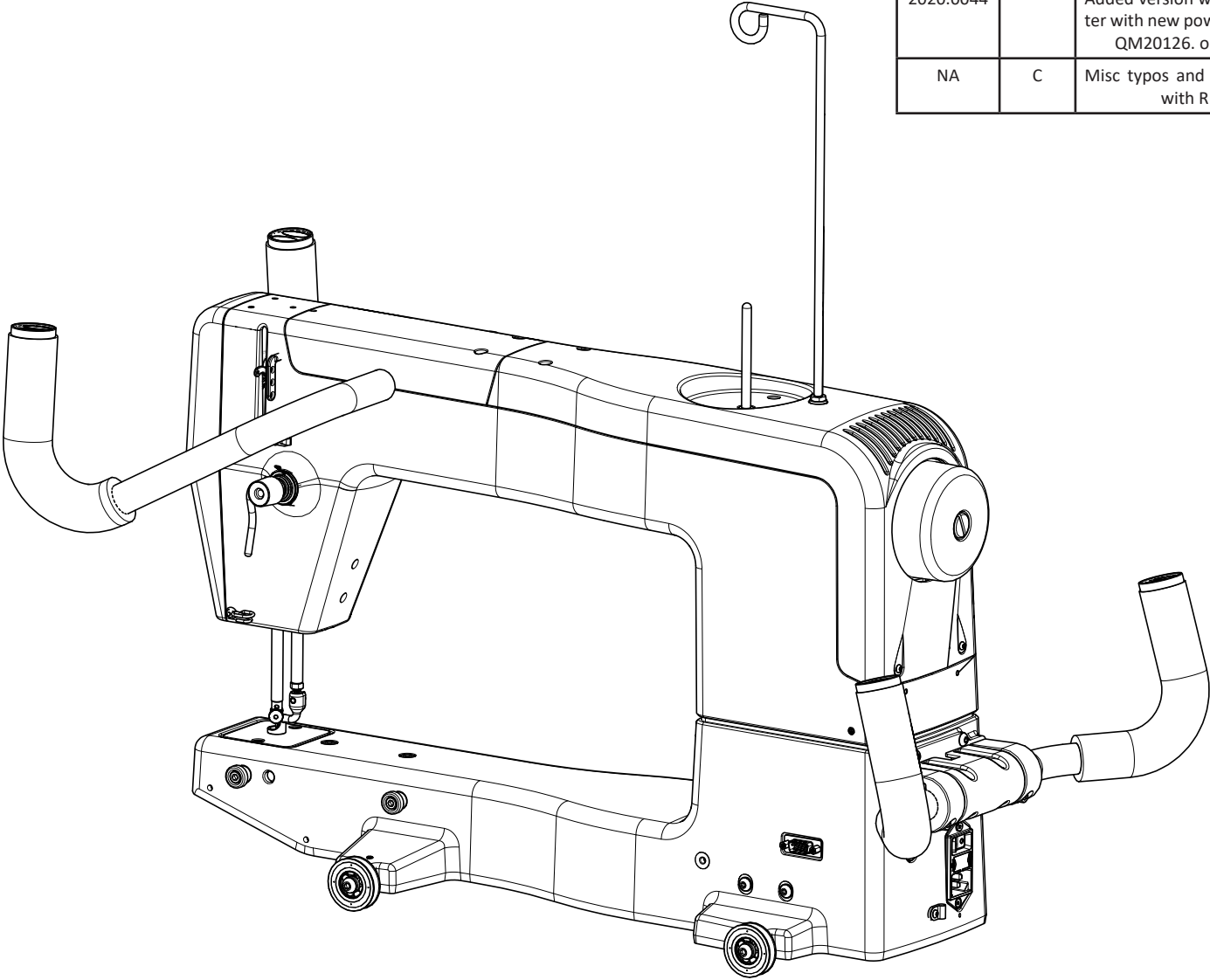
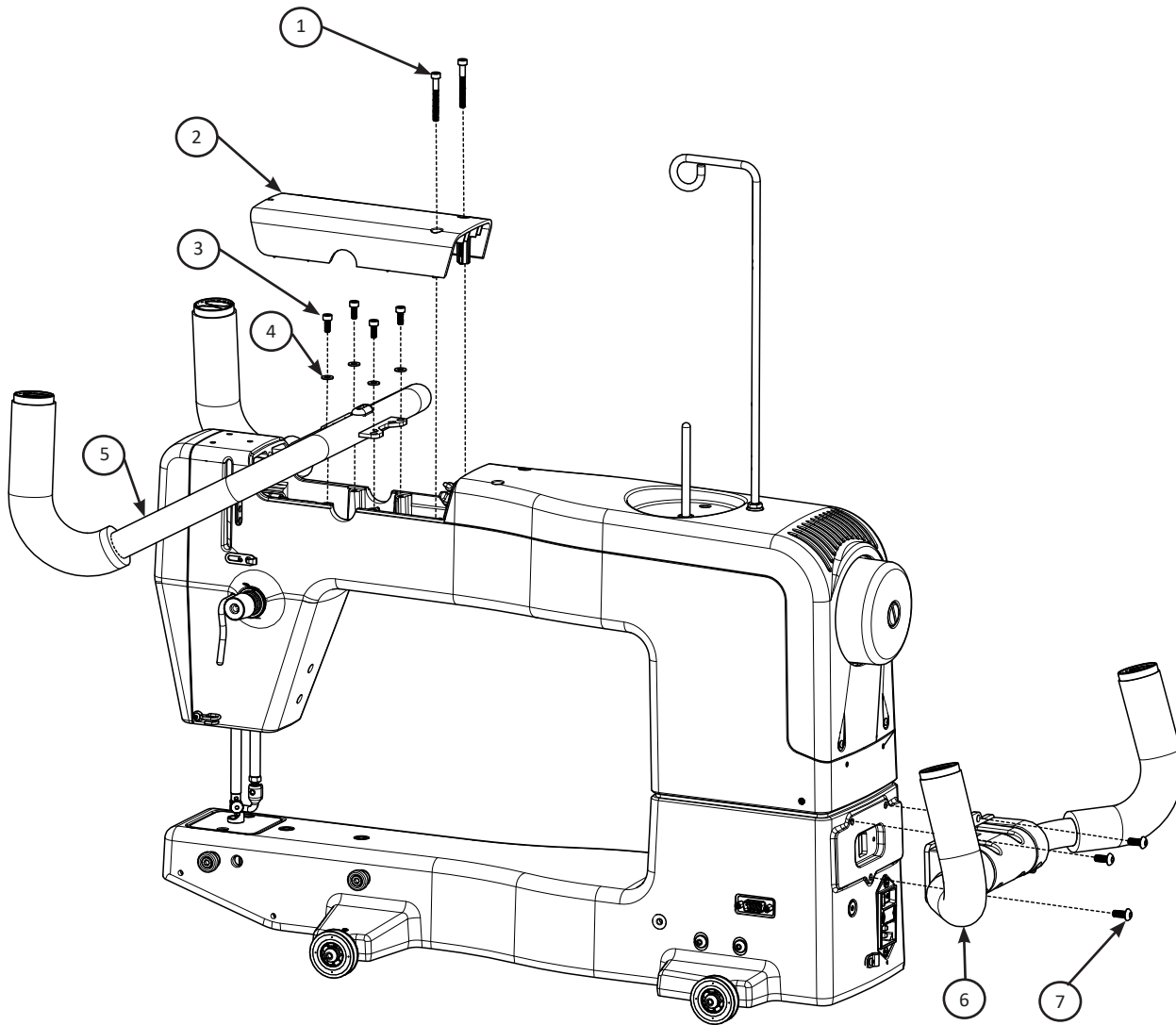


ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
2020.0043 2020.0044	B	Ferrite added to QM20119 ps. 23 & 29. Added version without QM23040 line filter with new power cables QM20125 and QM20126. on new page 13 & 23.	08/28/20	GHS
NA	C	Misc typos and corrections - see pages with REVC for details	10/22/20	GHS



DRAWING NAME:	QM09300-1, GALLANT SU
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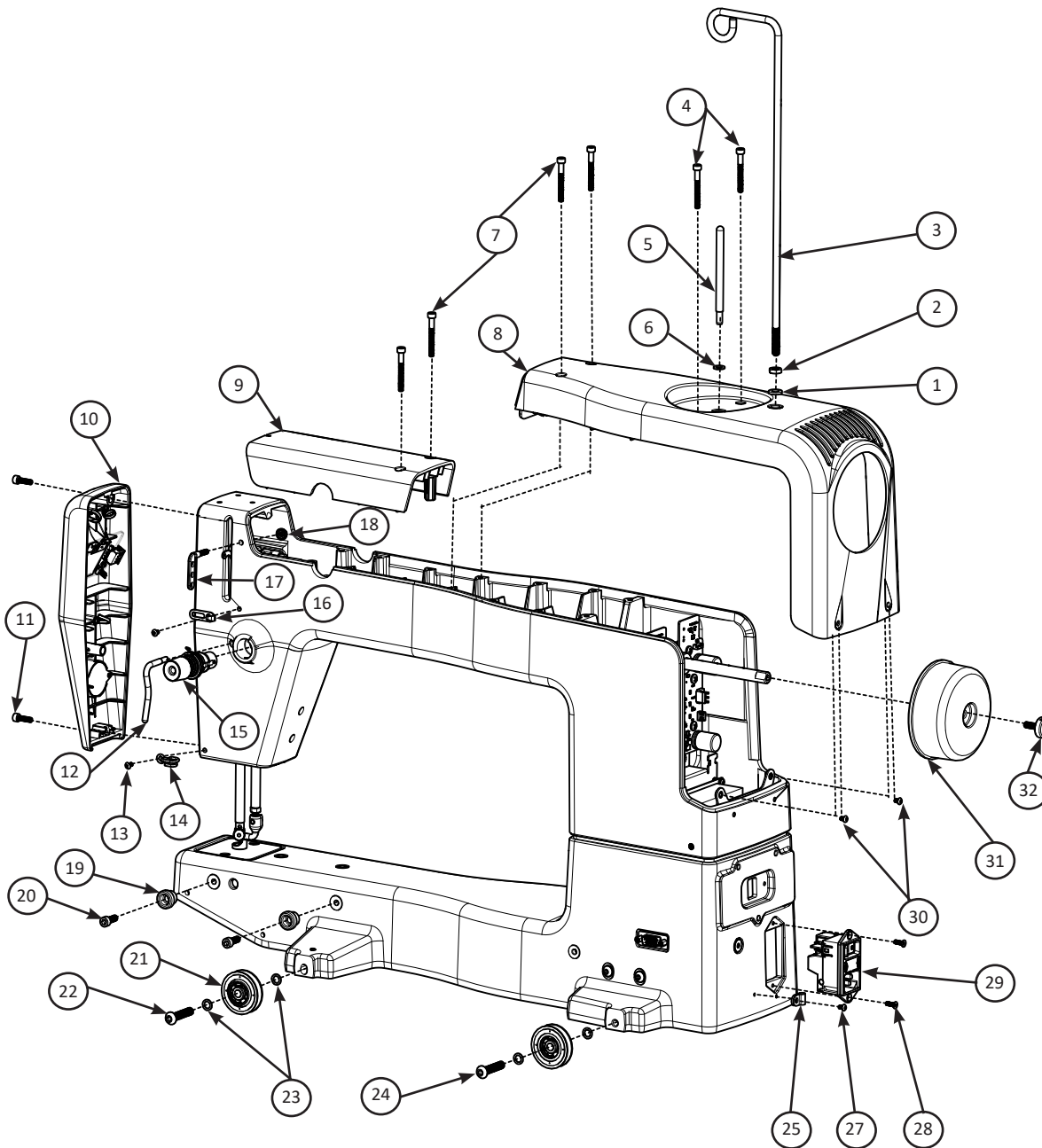
ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



* NOTES:
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM10882	SCREW-M4X30 SKC ZN	2
2	QM11034	TOP COVER OVER HB GALLANT	1
3	QM10169	SCREW-M4X10 SKC ZN	4
4	QM10229	WASHER-M4 ZN	4
5	QM29422	ASSY FRONT HANDLE GALLANT	1
6	QM29421	ASSY-REAR HANDLE GALLANT	1
7	QM12017	SCREW-M5X12 SKB ZN	3

DRAWING NAME: **FRONT AND REAR HANDLEBARS**



*** NOTES:**

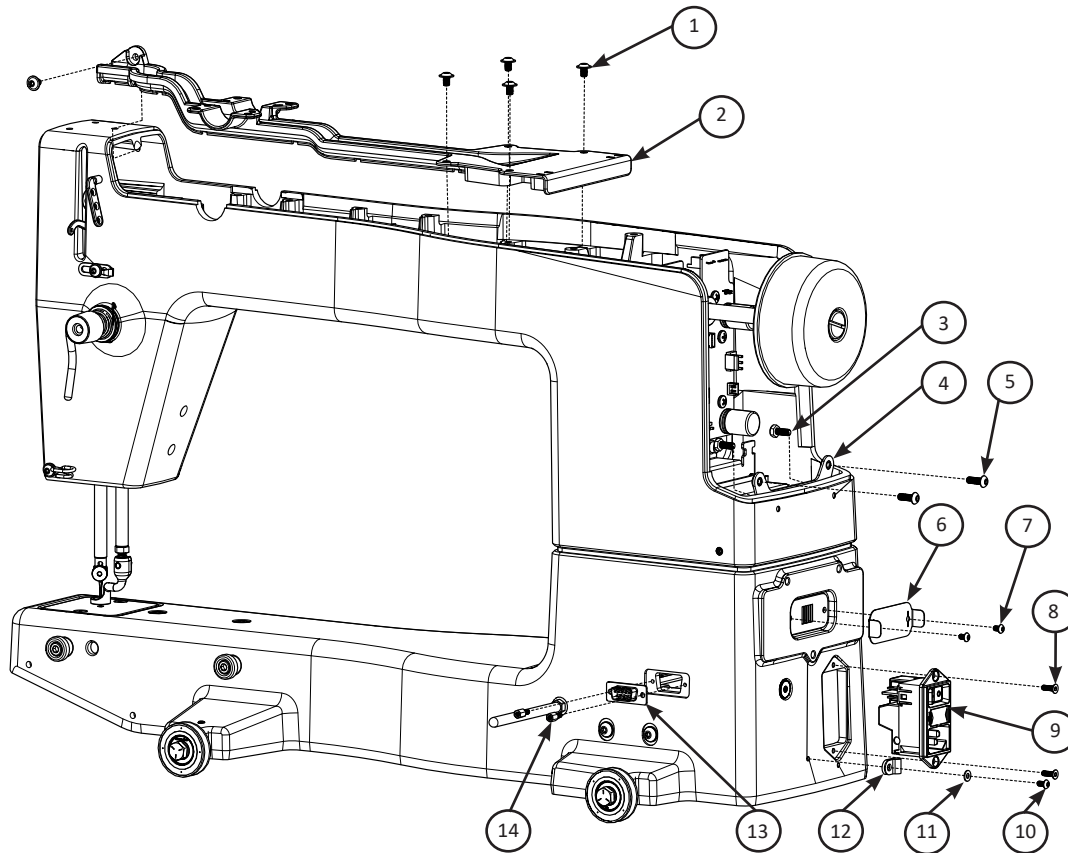
1. ITEM 18 one of two shown, this part is used on Item 12 and Item 17.

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

ITEM	PART #	DESCRIPTION	QTY
1	QM10642	WASHER-M6X12X1.5 ZN	1
2	QM10701	JAM NUT-M6	1
3	QM11024	THREAD MAST GALLANT	1
4	QM10881	SCREW-M4X22 SKC ZN	2
5	QM10292	SPOOL PIN THREADS CHROME	1
6	QM10250	WASHER-M5 ZN	1
7	QM10882	SCREW-M4X30 SKC ZN	4
8	QM11035	TOP REAR COVER GALLANT	1
9	QM11034	TOP COVER OVER HANDLEBARS GALLANT	1
10	QM11030	FRONT COVER GALLANT	1
11	QM10170	SCREW-M4X14 SKC ZN	2
12	QM10217	THREAD STIRRUP	1
13	QM10172	SCREW-M4X8 SKB ZN	2
14	QM13212	THREAD GUIDE WIRE DM	1
15	QM10199	TENSION ASSEMBLY	1
16	QM10208	THREAD GUIDE 400	1
17	QM13172	THREAD GUIDE-THREE HOLE DM	1
18	QM10528	NUT-M4 SERRATED FLANGE ZN *(1 NS)	2
19	QM11729	RULER BASE POST NEXGEN	4
20	QM10176	SCREW-M5X14 SKC ZN	4
21	QM10231	MACHINE WHEEL GALLANT	4
22	QM10766	SCREW-1-4-20X1.25 HEX ZN	1
23	QM10188	WASHER-.031 X 1/4 X 3/8	8
24	QM10166	SCREW-1/4-20X1 HEX ZN	2
25	QM13142	CLIP-P STYLE 1/8" NYLON	1
26	QM00500-36	WASHER-M3 FLAT *NS	1
27	QM13216	SCREW-M3X6 PHP ZN	3
28	QM12012	SCREW-M3X10 SKF ZN	2
29	QM20122	POWER INPUT MODULE WITH SWITCH	1
30	QM13237	SCREW-M4X12 SKB ZN	2
31	QM11004	HAND-WHEEL GALLANT	1
32	QM11007	HAND-WHEEL SCREW GALLANT	1

DRAWING NAME: MACHINE COVERS AND MISC.

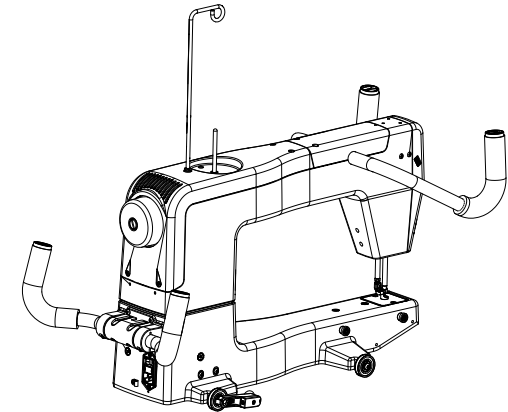
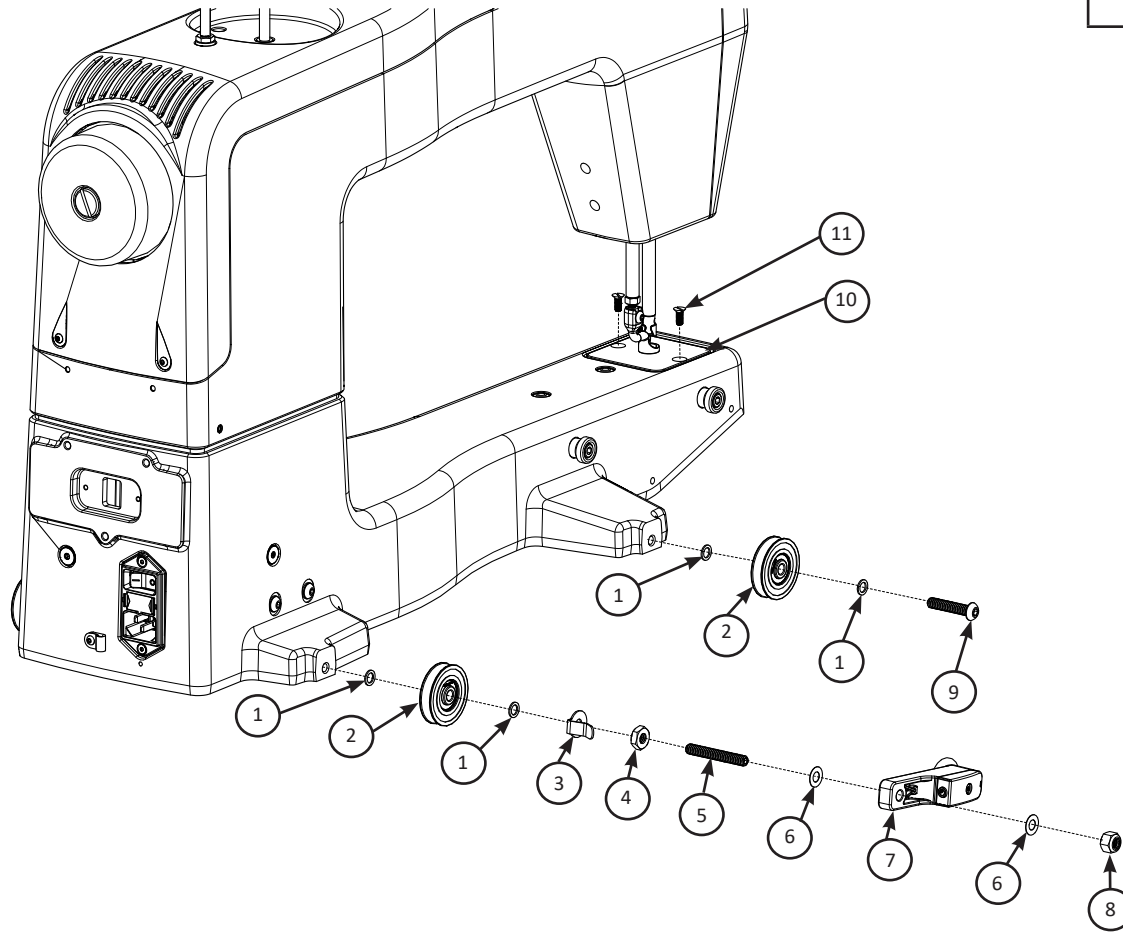
ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



*** NOTES:**
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM10950	SCREW-M4X6 SHB FLANGED ZN	5
2	QM11053	CABLE CHASE-GALLANT	1
3	QM11052	SCREW-M4X10 HEX ZN	2
4	QM11042	REAR COVER BRACKET 15"	1
5	QM13237	SCREW-M4X12 SKB ZN	2
6	QM11039	REAR HB CONNECTION COVER	1
7	QM13273	SCREW-M3X5 PHP ZN	2
8	QM12012	SCREW-M3X10 SKF ZN	2
9	QM20122	POWER ENTRY MODULE W SWITCH	1
10	QM13216	SCREW-M3X6 PHP ZN	1
11	QM00500-36	WASHER-M3 FLAT	1
12	QM13142	CLIP-P STYLE 1/8" NYLON	1
13	QM20048	CABLE-DB9 TO CNTRL GALLANT	1
14	QM10256	STANDOFF-HEX M/F 4-40X1/4 STEEL	2
DRAWING NAME:		MACHINE COVERS AND MISC.	

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
NA	C	Corrected item 5 from QM10776 to QM10779 .219 thick nut	10/22/20	GHS

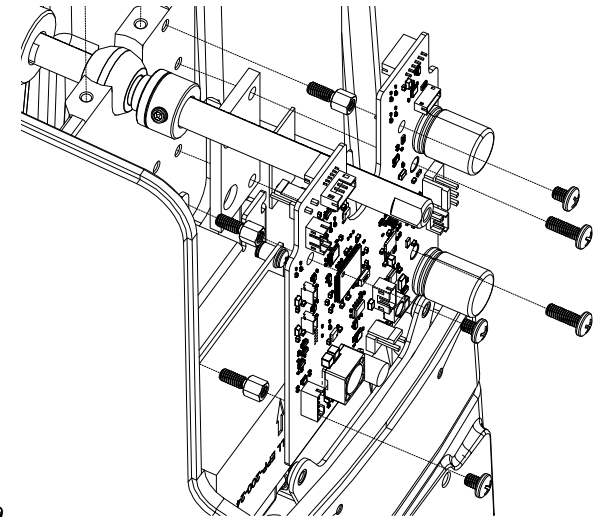
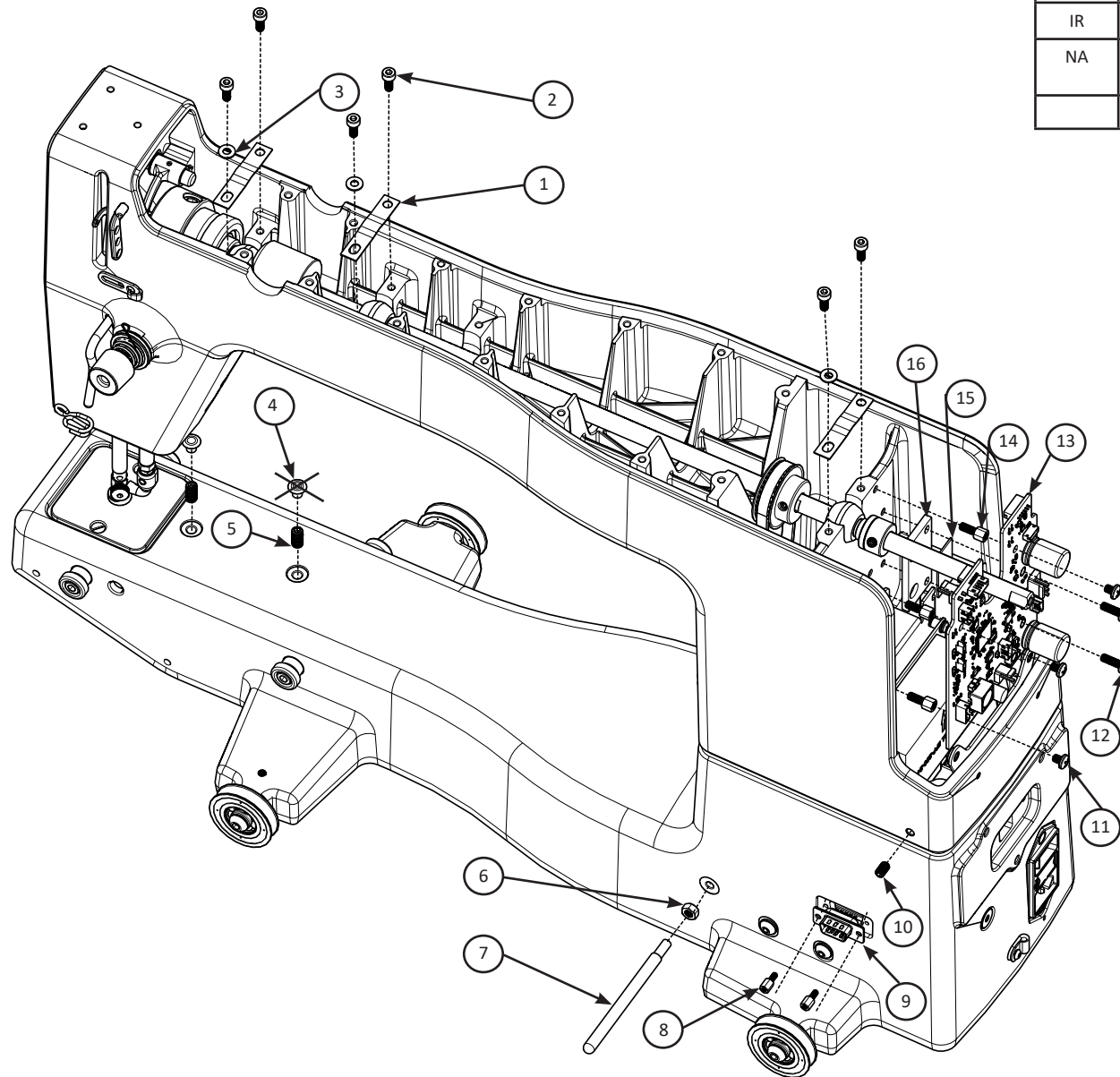


ITEM	PART #	DESCRIPTION	QTY
1	QM10188	WASHER-.031 X 1/4 X 3/8	8
2	QM10231	MACHINE WHEEL-GALLANT	4
3	QM29760-9	MAGNETIC ENCODER SPRING LATCH	1
4	QM10776	NUT-1/4-20 JAM ZN	1
5	QM10779	SCREW-1/4-20 .219 THICK	1
6	QM10635	WASHER-.500 X .250 X .010	2
7	QM29760	MAGNETIC ENCODER ASSY GALLANT	1
8	QM10772	NUT-1/4-20 NYLOC	1
9	QM10166	SCREW-1/4-20 X 1 HEX ZN	2
10	QM10142	PLATE NEEDLE	1
11	QM10889	SCREW-M4X8 SLF ZN DIN 963	2
12	QM10766	1/4-20X1.25 HEX ZN*NS	1
DRAWING NAME:		MACHINE ENCODER AND WHEELS	

*** NOTES:**

- ITEM 12, QM10766 1/4-20X1.25 HEX ZN Not Shown, is for the front right wheel and is used to level the machine to make it not rock.

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
NA	C	Item 4 cap removed from BOM never implemented	10/22/20	GHS



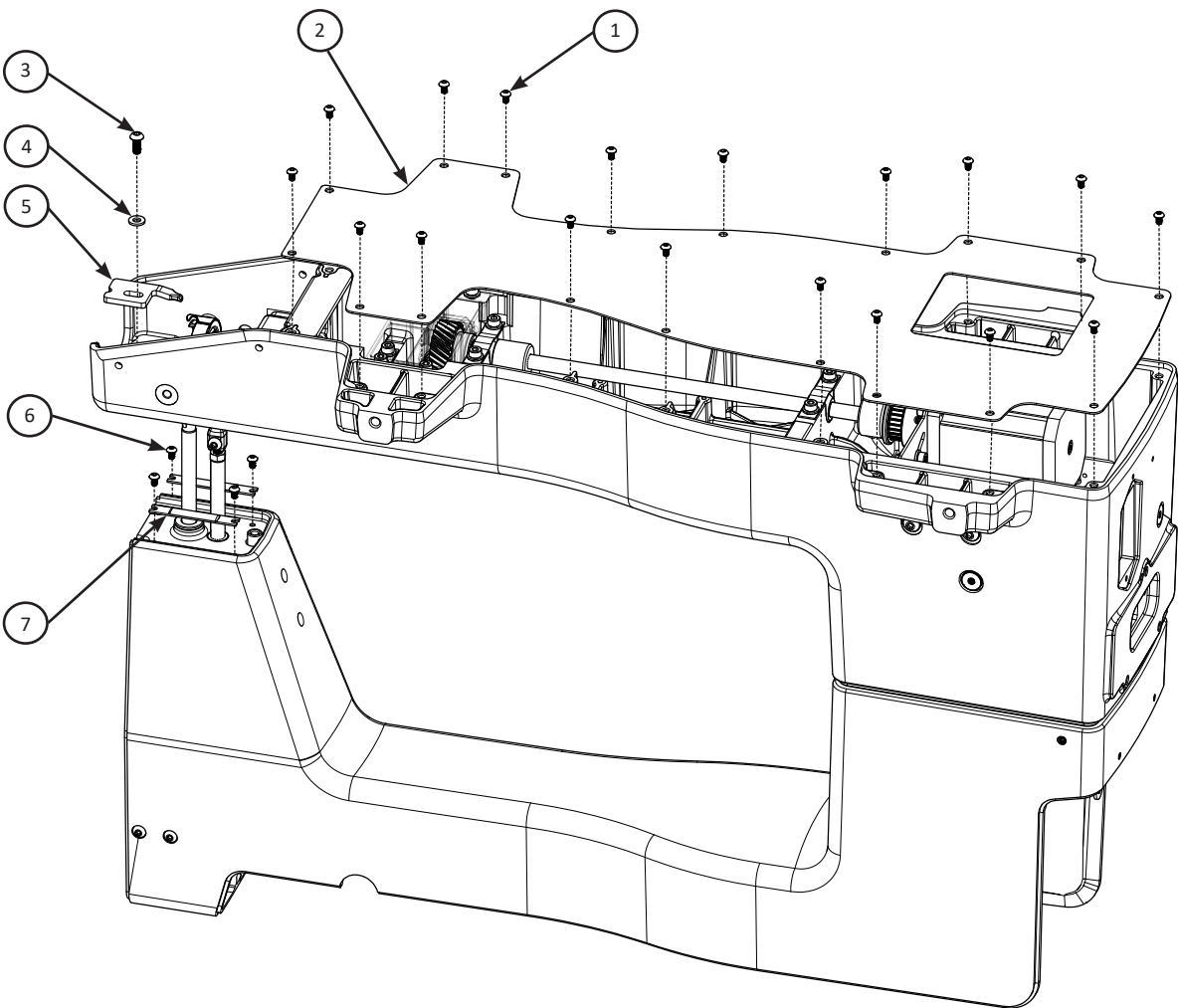
ITEM	PART #	DESCRIPTION	QTY
1	QM10106	RETAINER-BEARING 2-HOLE	3
2	QM10169	SCREW-M4X10 SKC ZN	6
3	QM10229	WASHER-M4 ZN	3
4	NA	Plug never implemented	0
5	QM11051	SCREW-M6 X 10 SKS FLAT POINT ZN	2
6	QM10529	NUT-M5 ZN*	0
7	QM10292	SPOOL PIN THREADS CHROME*	0
8	QM10256	STANDOFF-HEX M/F 4-40 X 1/4 STEEL	2
9	QM20048	CABLE-DB9 TO CNTL GALLANT	1
10	QM13266	SCREW-M5X8 SKS FLAT ZN	2
11	QM11048	SCREW-M4X4 PHP ZN	3
12	QM11049	SCREW-M4X12 PHP ZN	2
13	QM20096	MAIN CONTROL BOARD GALLANT	1
14	QM11047	STANDOFF-M/F M4	3
15	QM11046	THERMAL PAD GALLANT	1
16	QM11045	HEAT SINK BLOCK-GALLANT	1

*** NOTES:**

1. ITEMS 6, AND 7 are not part of the machine BOM, but the laser assembly BOM.

DRAWING NAME: BEARING RETAINERS AND CONTROL BOARD

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
NA	C	Corrected items 6 & 7 to match descriptions	10/22/20	GHS

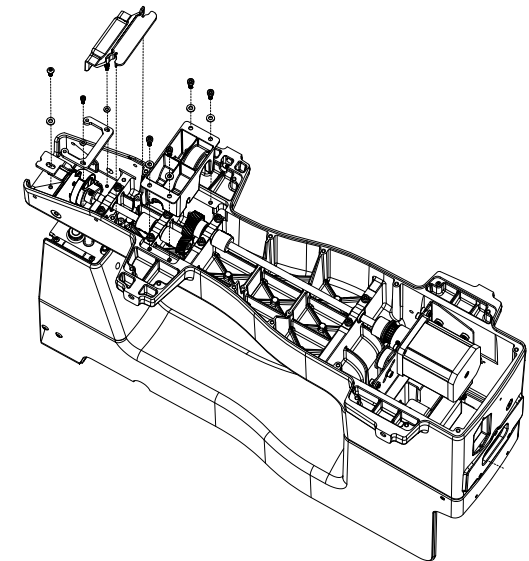
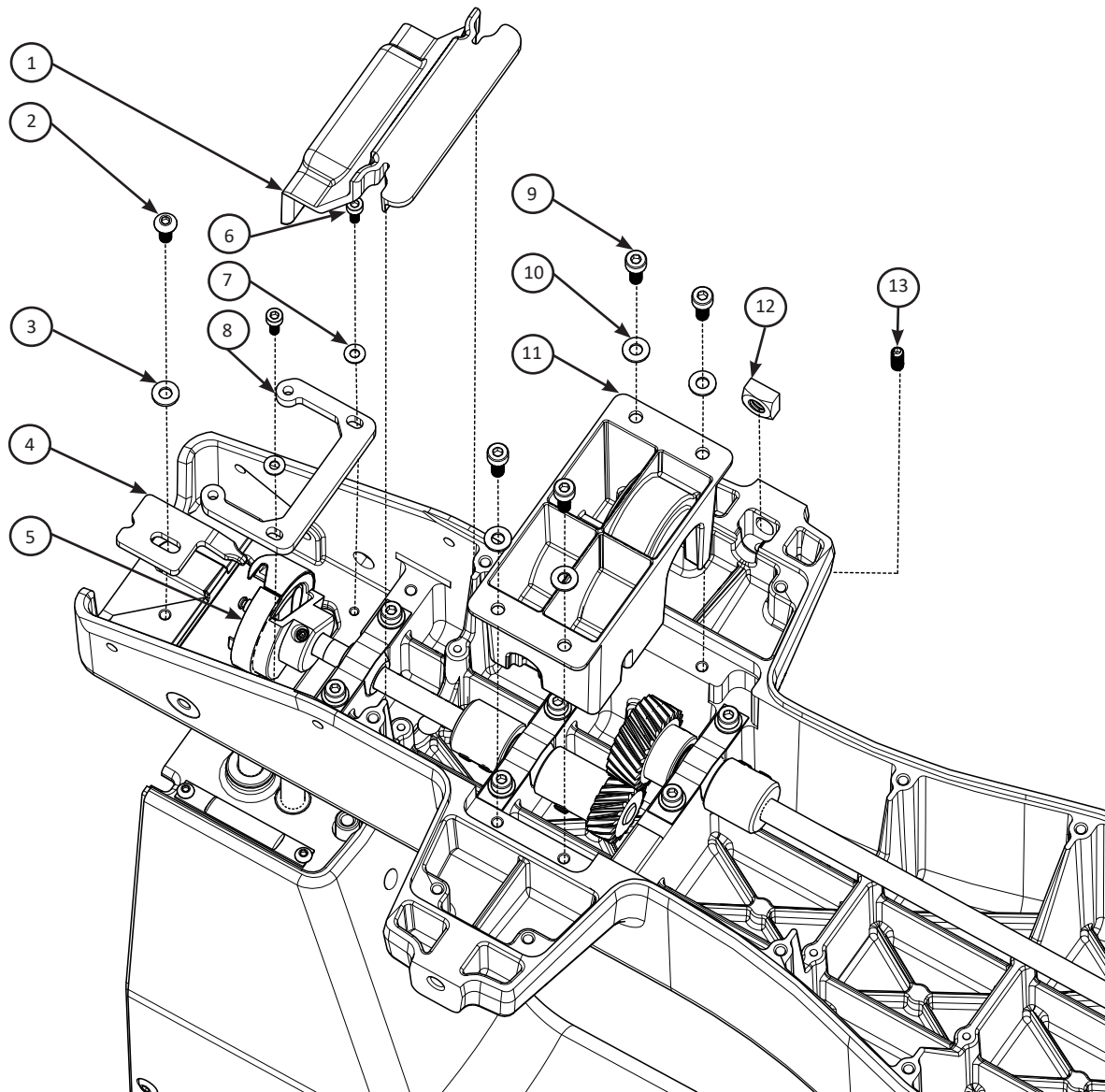


* NOTES:
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM10861	SCREW-M4X5 SKB ZN	18
2	QM11020	BOTTOM COVER GALLANT	1
3	QM10173	SCREW-M4X10 SKB ZN	1
4	QM10229	WASHER-M4 ZN	1
5	QM11715	STOP FINGER GEN3	1
6	QM10102	SCREW-M3X5 SKB ZN	4
7	QM20087	DUAL LED MODULES WITH CABLE	1

DRAWING NAME: **BOTTOM COVER, STOP FINGER, LED LIGHT PAIR**

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

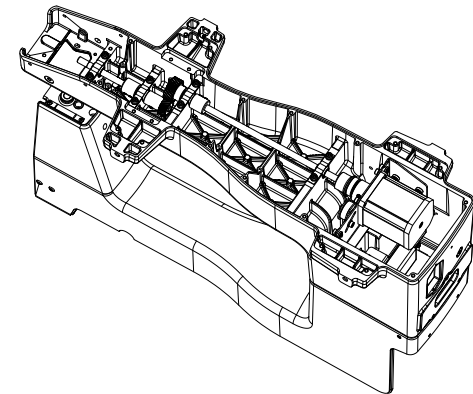
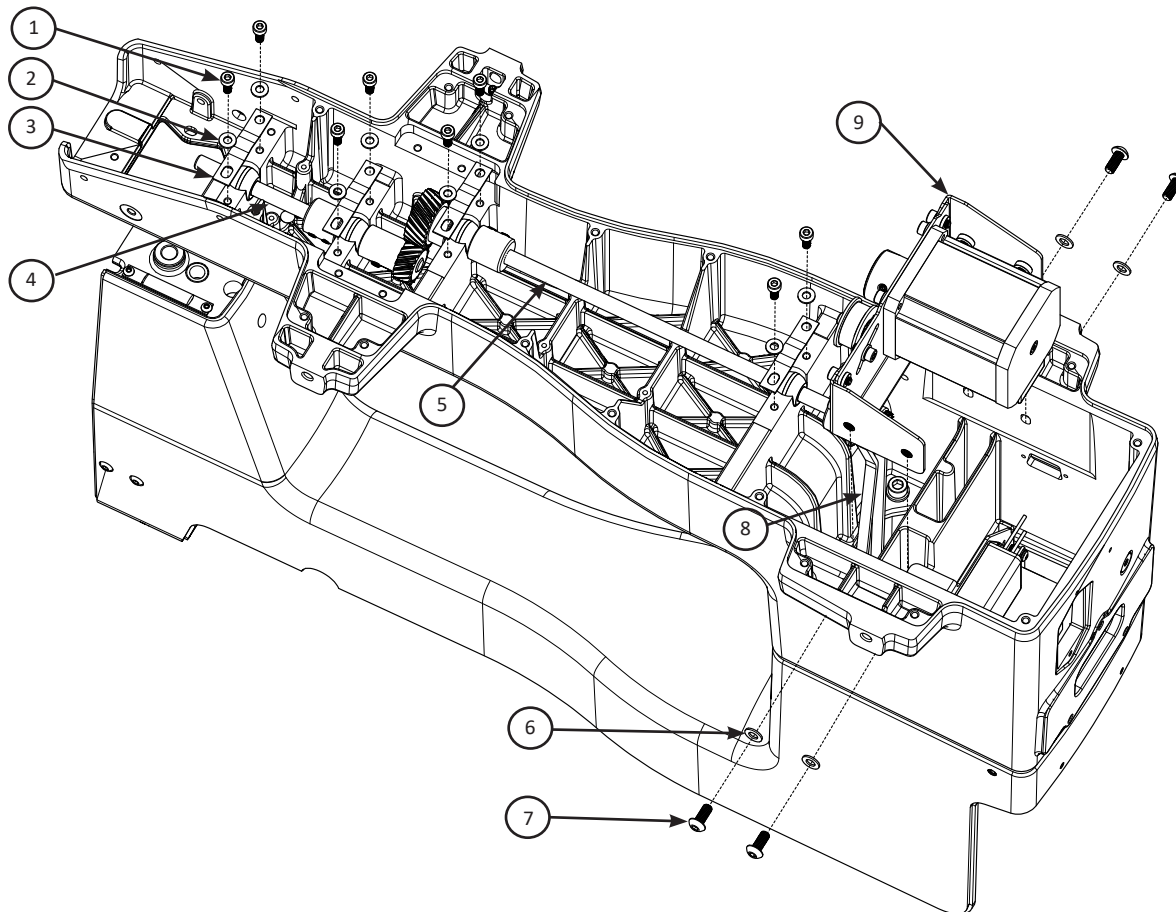


ITEM	PART #	DESCRIPTION	QTY
1	QM11026	LINT GUARD-GALLANT	1
2	QM10173	SCREW-M4X10 SKB ZN	1
3	QM10229	WASHER-M4 ZN	1
4	QM11715	STOP FINGER GEN3	1
5	QM10589	HOOK M CLASS CERLIANI	1
6	QM10559	SCREW-M3X8 SKC ZN	2
7	QM00500-36	WASHER-M3 FLAT ZN	2
8	QM11008	NUTPLATE-GALLANT NDL PLATE	1
9	QM10161	SCREW-M4X8 SKC ZN	4
10	QM10229	WASHER-M4 ZN	4
11	QM11025	GEAR BOX COVER	1
12	QM10152	NUT-1/4-20 SQUARE ZN	1
13	QM10175	SCREW-M4X10 SHSS ZN	1

* NOTES:
1. NONE

DRAWING NAME: DUST GUARD, GEAR BOX COVER, NUT PLATE

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

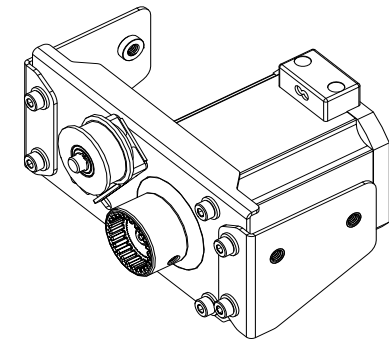
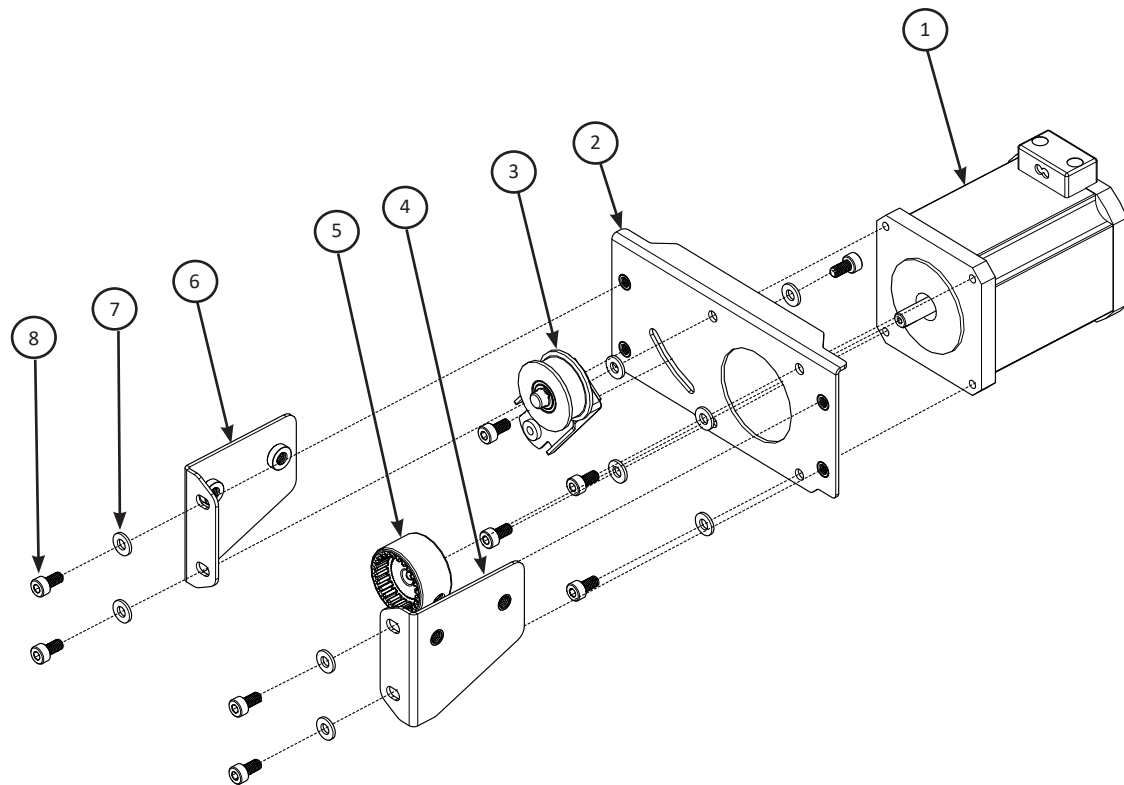


ITEM	PART #	DESCRIPTION	QTY
1	QM10169	SCREW-M4X10 SKC ZN	8
2	QM10229	WASHER- M4 ZN	8
3	QM10106	RETAINER-BEARING TWO HOLE	4
4	QM19001	ASSY-HOOK SHAFT GALLANT	1
5	QM19000	ASSY- DRIVE SHAFT GALLANT	1
6	QM10250	WASHER-M5 ZN	4
7	QM12017	SCREW-M5X12 SKB ZN	4
8	QM11033	TIMING BELT - 15" MACHINE	1
9	QM59117	ASSY-MOTOR MOUNT GALLANT	1

* NOTES:
1. NONE

DRAWING NAME: **BOTTOM SHAFTS - HOOK SHAFT & DRIVE SHAFT, MOTOR**

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



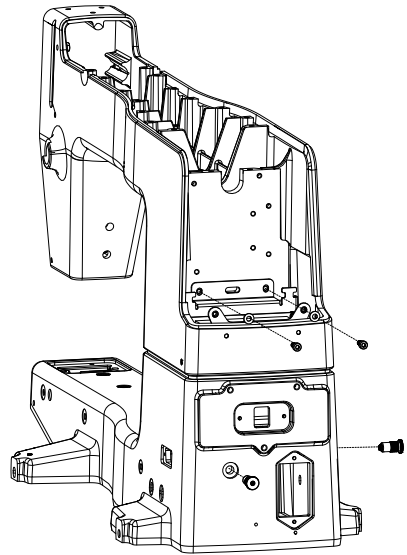
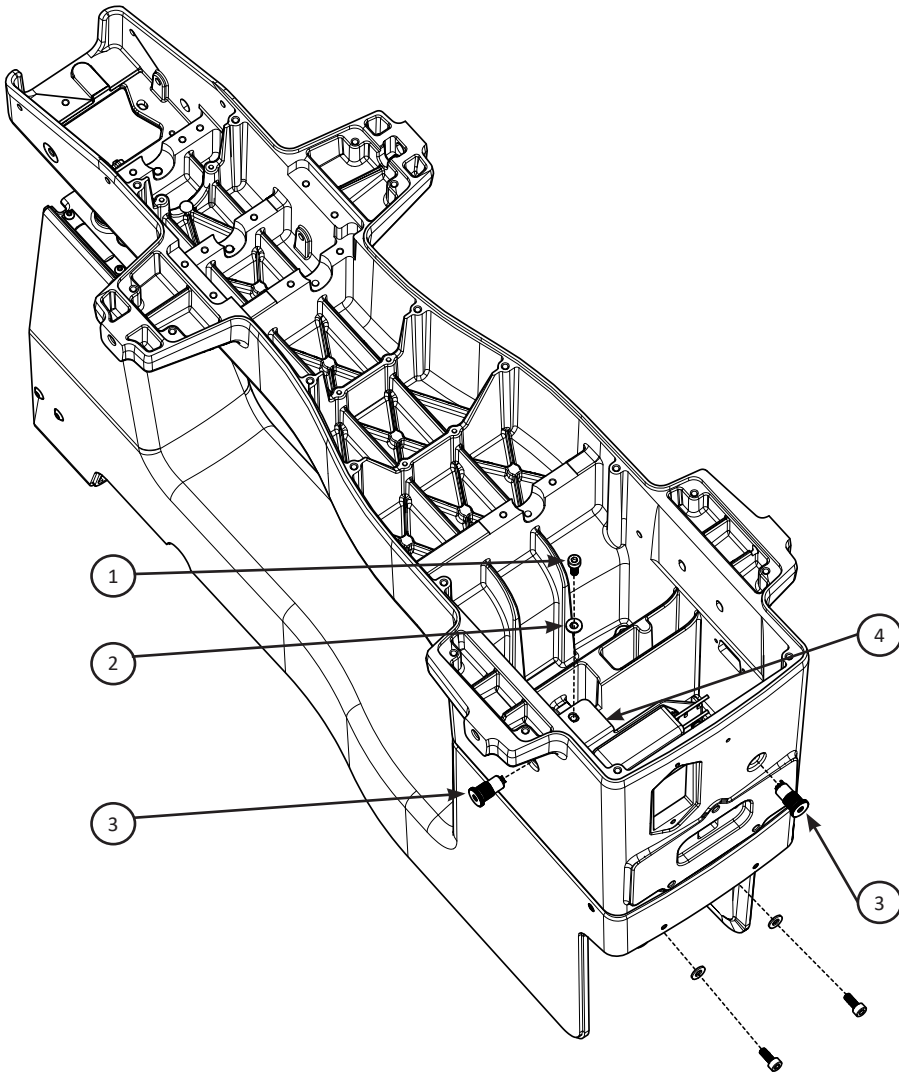
ITEM	PART #	DESCRIPTION	QTY
1	QM20080	MOTOR GALLANT	1
2	QM11003-1	MOTOR MOUNTING PLATE	1
3	QM11036	BELT TENSIONER GALLANT	1
4	QM11003-3	MOTOR MOUNT RIGHT SIDE BRACKET	1
5	QM11002-2	MOTOR PULLEY COUPLER FLANGE	1
6	QM11003-2	MOTOR MOUNT LEFT SIDE BRACKET	1
7	QM10229	WASHER-M4 FLAT ZN	9
8	QM10161	SCREW-M4 X 8 SKC ZN	9
9	QM11044	SCREW-M5X10 SKS FLAT*	2

*** NOTES:**

1. ITEM 9 QM11044, SCREW-M5X10 SKS FLAT Not Shown. These two screws fix ITEM 5, QM11002-2, MOTOR PULLEY COUPLER FLANGE to the ITEM 1 QM20080 MOTOR SHAFT.

DRAWING NAME: **QM59117, ASSY-MOTOR MOUNT GALLANT**

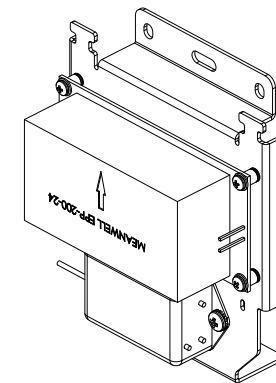
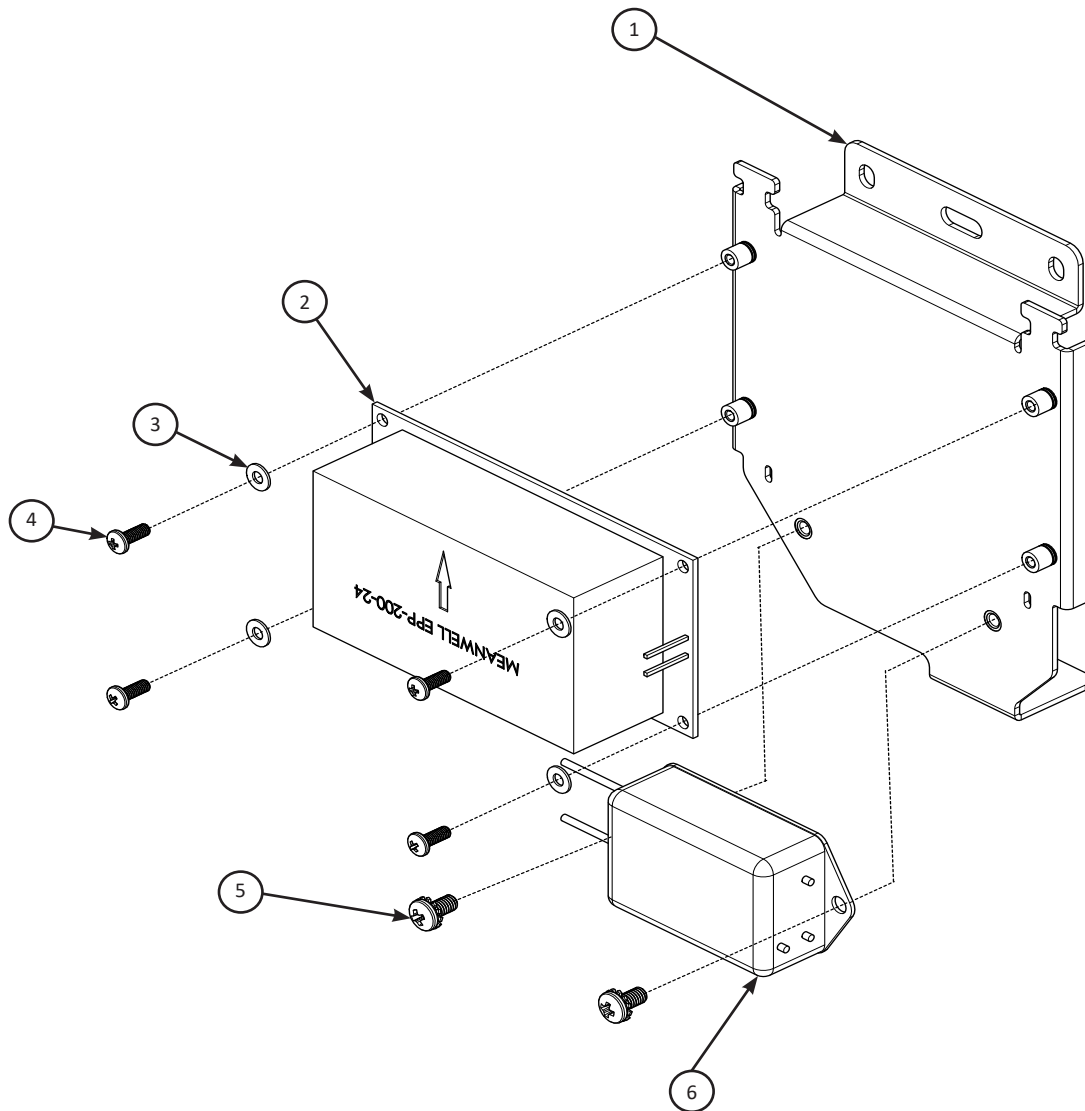
ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



* NOTES:
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM10169	SCREW-M4X10 SKC ZN	3
2	QM10229	WASHER-M4	3
3	QM20083	CABLE-XY ENCODER TO CNTL GALLANT	2
4	QM59116	ASSY-POWER SUPPLY BRACKET GALLANT	1
DRAWING NAME:		POWER SUPPLY, BRACKET, ENCODER CONNECTIONS	

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

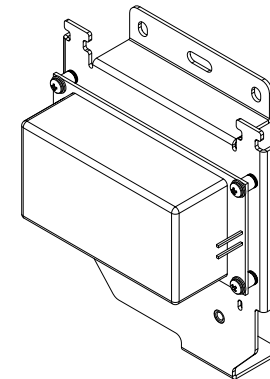
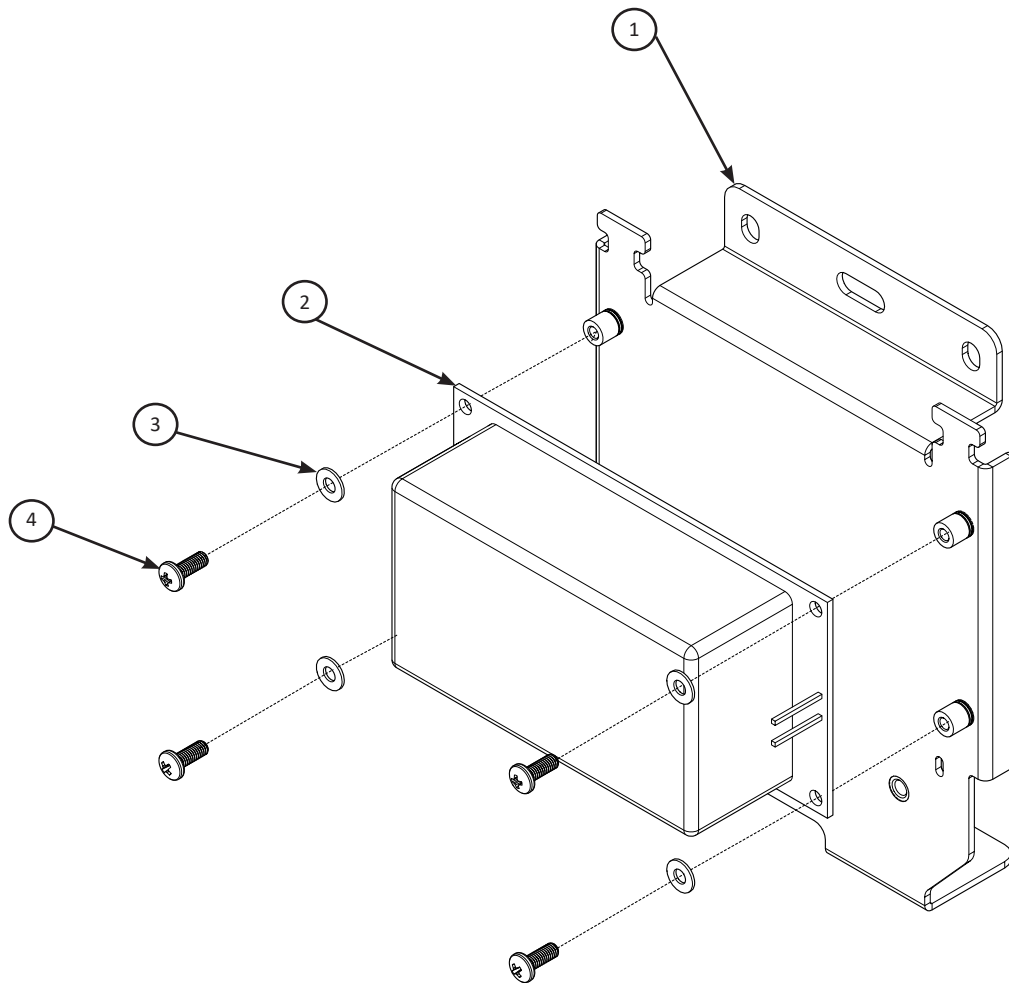


* NOTES:
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM11023	POWER SUPPLY BRACKET GALLANT	1
2	QM20079	POWER SUPPLY 24VDC-200W 2X4	1
3	QM00500-36	WASHER M3 FLAT	4
4	QM10945	SCREW-M3X8 PHP ZN	4
5	QM13282	SCREW-M4X8 PHP ZN W/WASHER	2
6	QM23040	LINE FILTER GALLANT	1

DRAWING NAME: QM59116, ASSY-POWER SUPPLY BRACKET GALLANT

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
2020.0044	B	Added version without QM23040 line filter with new power cables QM20125 and QM20126. on new page 13.	08/28/20	GHS



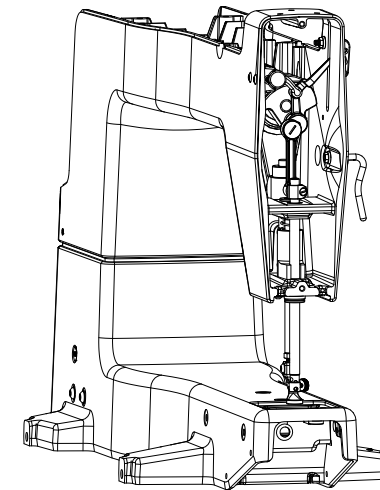
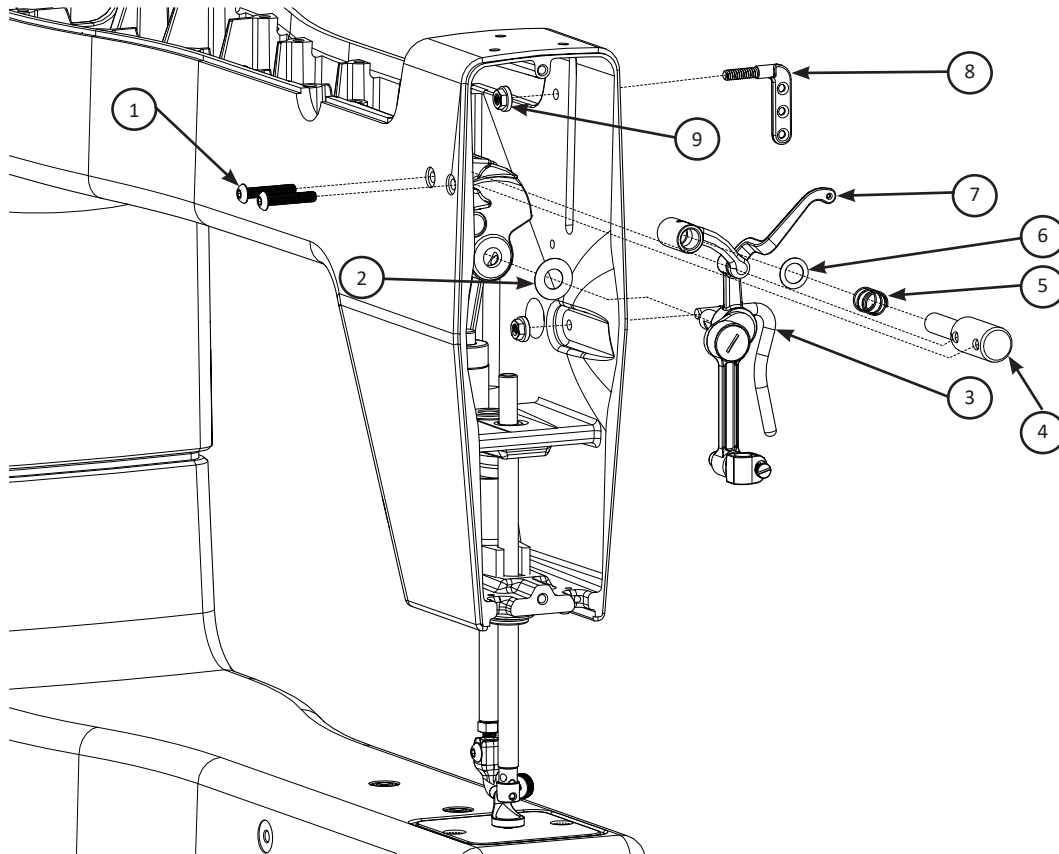
*** NOTES:**

1. ECO 2020.0044 dated 08/24/20 new version w/o QM23040 power line filter and with two new power connecton cables QM20125 and QM20126, to connect AC power inlet to power supply.

ITEM	PART #	DESCRIPTION	QTY
1	QM11023	POWER SUPPLY BRACKET GALLANT	1
2	QM20079	POWER SUPPLY 24VDC-200W 2X4	1
3	QM00500-36	WASHER M3 FLAT	4
4	QM10945	SCREW-M3X8 PHP ZN	4

DRAWING NAME: QM59116, ASSY-POWER SUPPLY BRACKET GALLANT

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

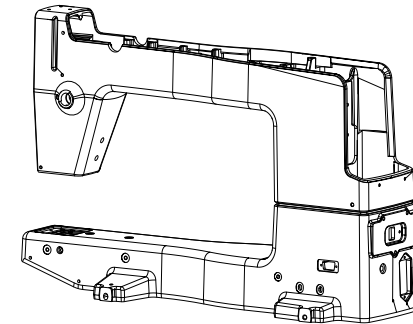
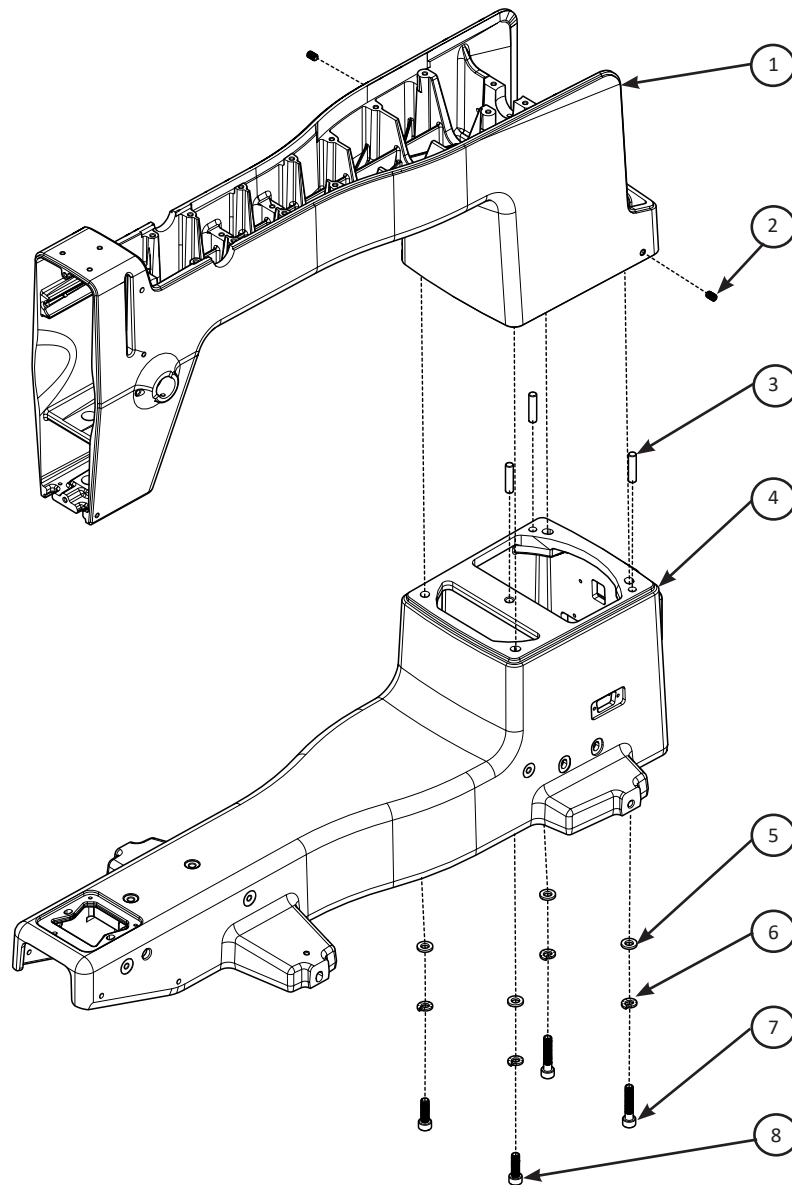


*** NOTES:**
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM13222	SCREW-M4X20 SKB ZN	2
2	QM13204	WASHER-THRUST PITMAN CRANK DM	1
3	QM10217	THREAD STIRRUP	1
4	QM11021	ARTICULATING LINK ROD-GALLANT	1
5	QM10631	SPRING-SMALL HEAD FRAME	1
6	QM10574	WASHER-HOOK SHAFT	1
7	QM10196	TAKE UP LEVER ASSEMBLY	1
8	QM13172	THREAD GUIDE-3-HOLE DM	1
9	QM10528	NUT-M4 SERRATED FLANGE ZN	2

DRAWING NAME: **TAKE UP LEVER, THREAD STIRRUP, 3 HOLE THREAD GUIDE**

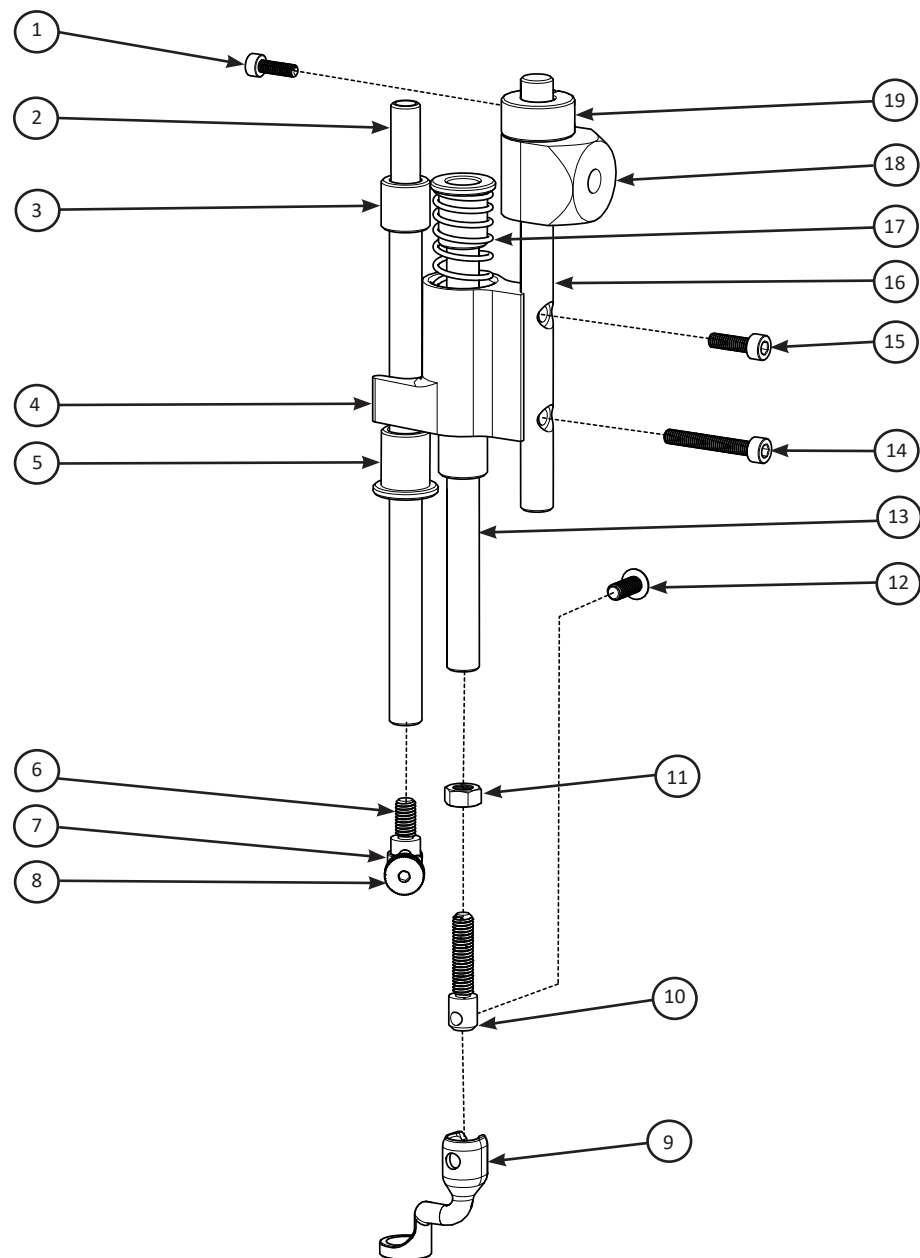
ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



* NOTES:
1. NONE

ITEM	PART #	DESCRIPTION	QTY
1	QM11001	UPPER ARM CASTING-GALLANT	1
2	QM13266	SCREW-M5X8 SKS FLAT POINT ZN	2
3	QM11041	DOWEL PIN 6MM	3
4	QM11000	BOTTOM ARM CASTING-GALLANT	1
5	QM10642	WASHER-M6 FLAT ZN	4
6	QM10459	WASHER-M6 SPLIT ZN	4
7	QM10932	SCREW-M6X30 SKC ZN	2
8	QM10721	SCREW-M6X20 SKC ZN	2

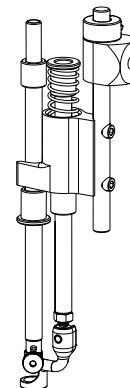
DRAWING NAME: UPPER AND LOWER ARM CASTINGS



*** NOTES:**

1. ITEM 14 tightens only into the plastic piece ITEM 4, tighten carefully, do not over-tighten.
2. ITEMS 6, 7, 8 is purchased as an assembly QM10508, which consists of a clamp, screw and thread guide. Our supplier supplies this to us as a complete assembly. Please order part number QM10508 if you need any of these three items; however; Item #3 is available separately, Part Number QM10558.

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

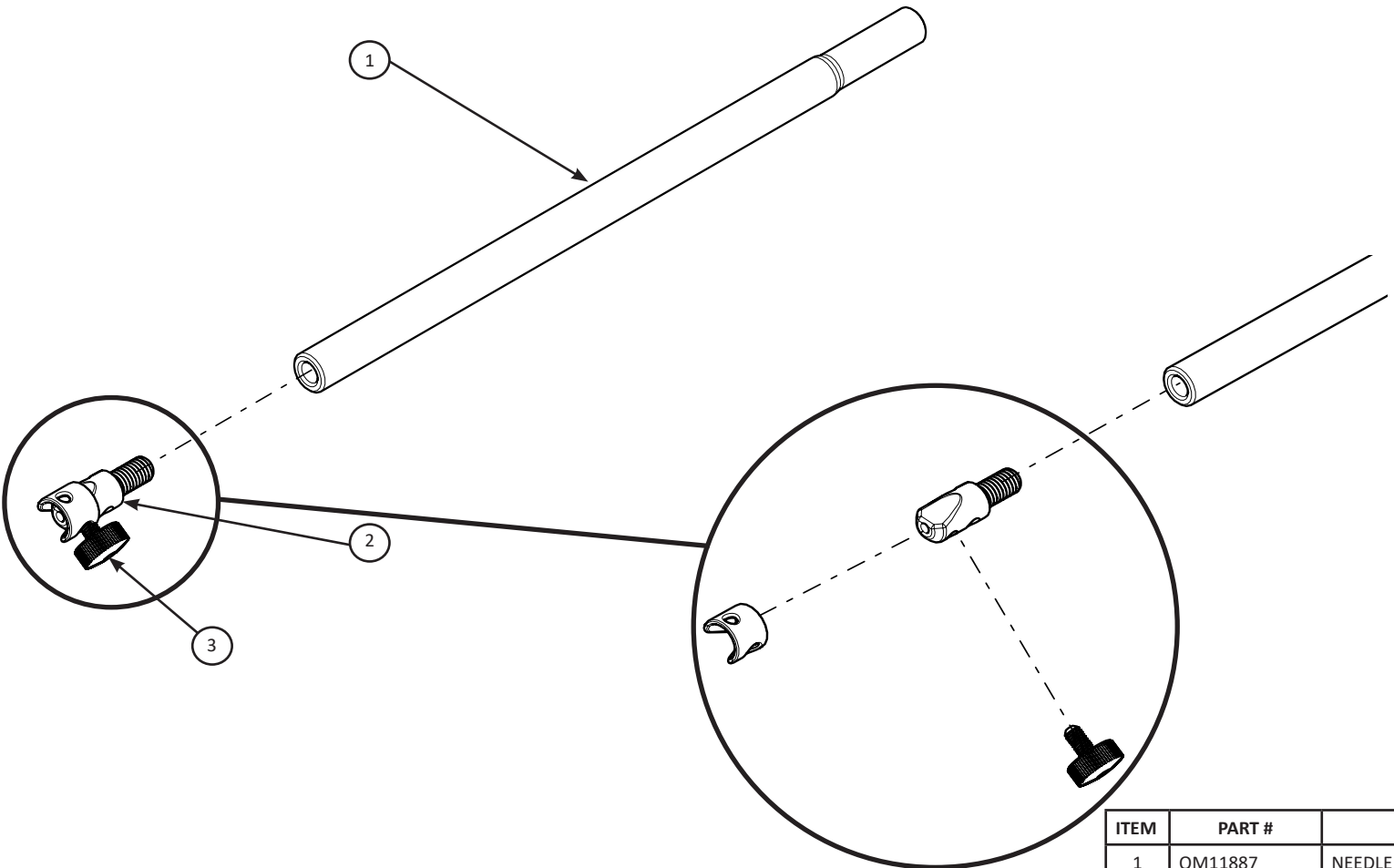


ITEM	PART #	DESCRIPTION	QTY
1	QM13254	SCREW-M3X10 SKC ZN	1
2	QM11887	BAR-NEEDLE S16/18	1
3	QM10577	BEARING 8MX12MX12M	2
4	QM11010	HOPPING BLOCK GUIDE GALLANT	1
5	QM13173	BUSHING-FLNGED NDL BAR DM	2
6	QM10517	NEEDLE BAR CLAMP*	1
7	QM10526	THREAD GUIDE NEEDLE BAR*	1
8	QM10558	SCREW-M3X6 NBC THUMB*	1
9	QM10511	HOPPING FOOT-QC RULER	1
10	QM10512	MOUNT-QCHF	1
11	QM10529	NUT-M5 ZN	1
12	QM10173	SCREW-M4X10 SKB ZN	1
13	QM11016	HOPPING BAR GALLANT	1
14	QM11028	SCREW-M3.5X25 SKC ZN CL12.9	1
15	QM11019	SCREW-M3.5X12 SKC ZN CL12.9	1
16	QM11014	HOPPING FOOT LIFTER BAR GALLANT	1
17	QM11015	HOPPING FOOT SPRING GALLANT	1
18	QM13019	BLOCK-HOP FOOT SLIDER DM	1
19	QM11040	COLLAR-HOPPING BAR GALLANT	1

DRAWING NAME:

NEEDLE BAR AND PRESSER BAR

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

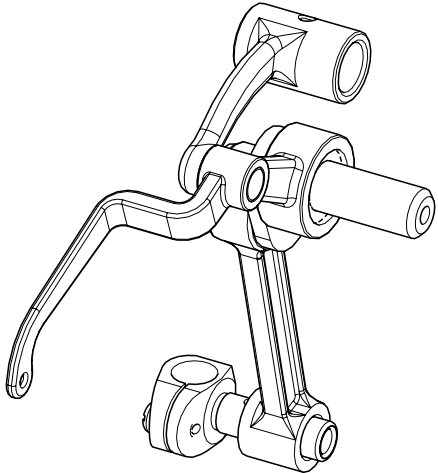
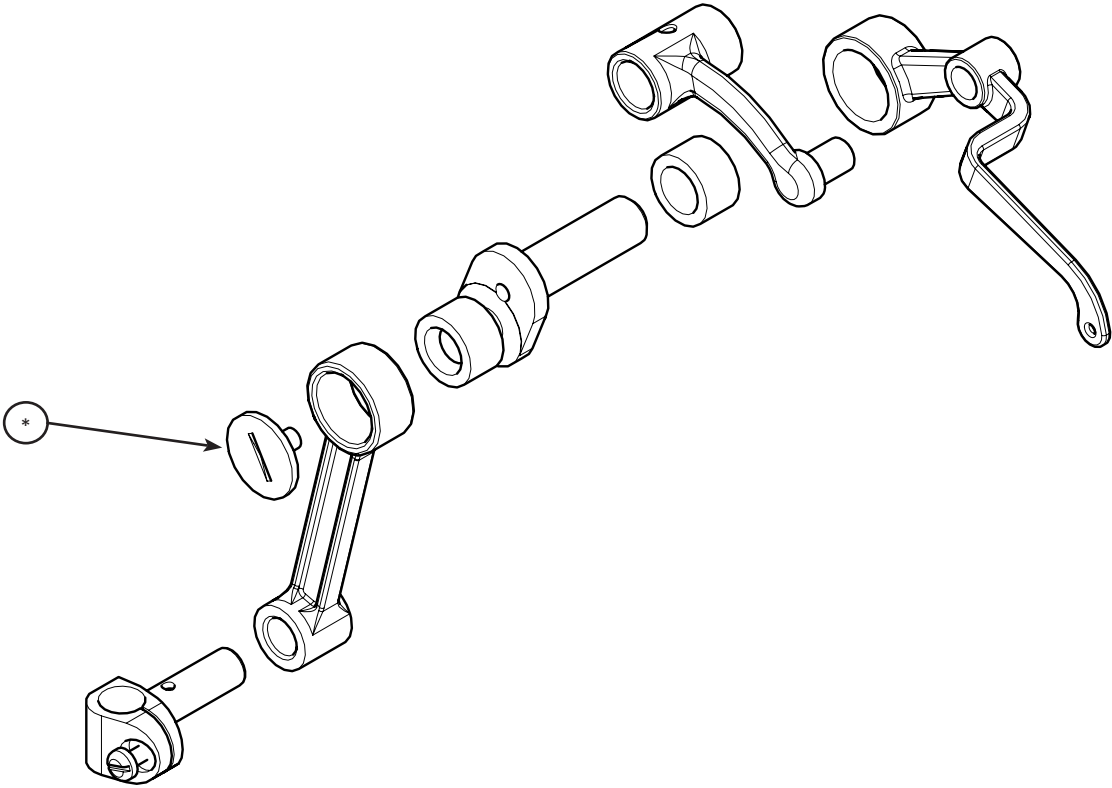


*** NOTES:**
1. ITEM 2, QM10508 consists of a clamp, screw and thread guide. Our supplier supplies this to us as a complete assembly. Please order part number QM10508 if you need any of these three items; however; Item #3 is available separately, Part Number QM10558.

ITEM	PART #	DESCRIPTION	QTY
1	QM11887	NEEDLE BAR, S16/18	1
2	QM10508	ASSY, NEEDLE BAR CLAMP*	1
3	QM10558	SCREW-M3X6 NBC, THUMB	1

DRAWING NAME: **QM19184, ASSY-NEEDLE BAR S16/18**

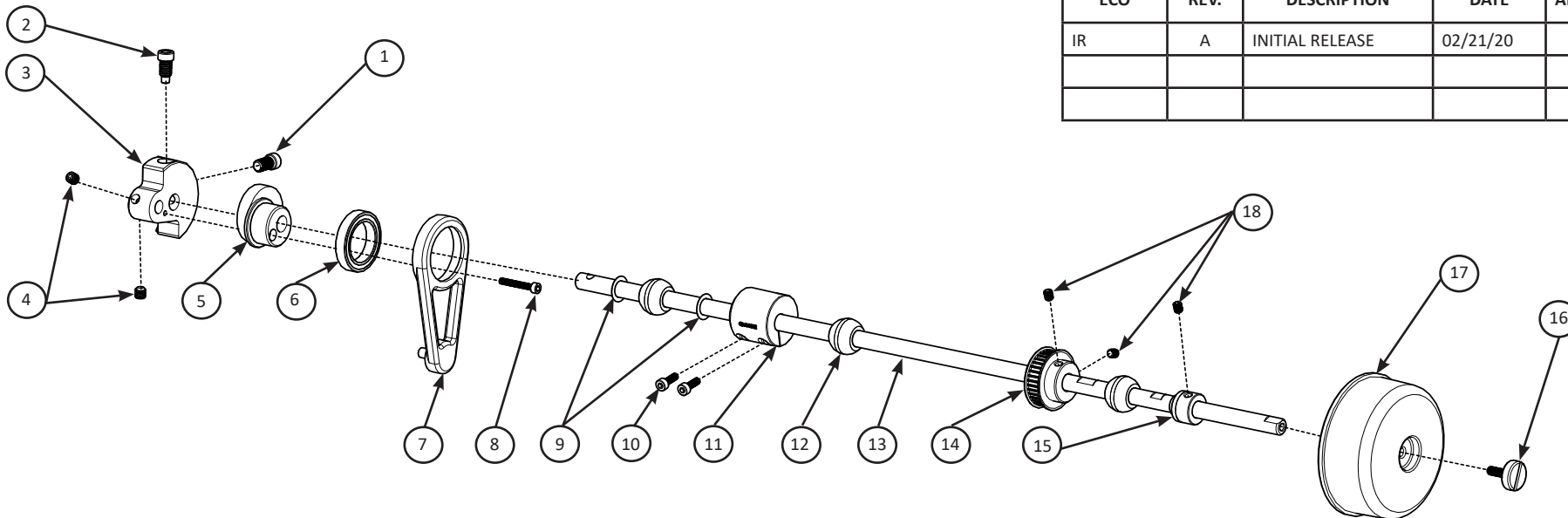
ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



- * NOTES:**
- 1. This is sold only as a complete assembly.
 - 2. *This screw has left handed threads, tighten counter-clockwise.

ITEM	PART #	DESCRIPTION	QTY
1	QM10196	ASSY-TAKEUP LEVER	1

DRAWING NAME: QM10196, ASSY-TAKEUP LEVER



ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	02/21/20	GHS

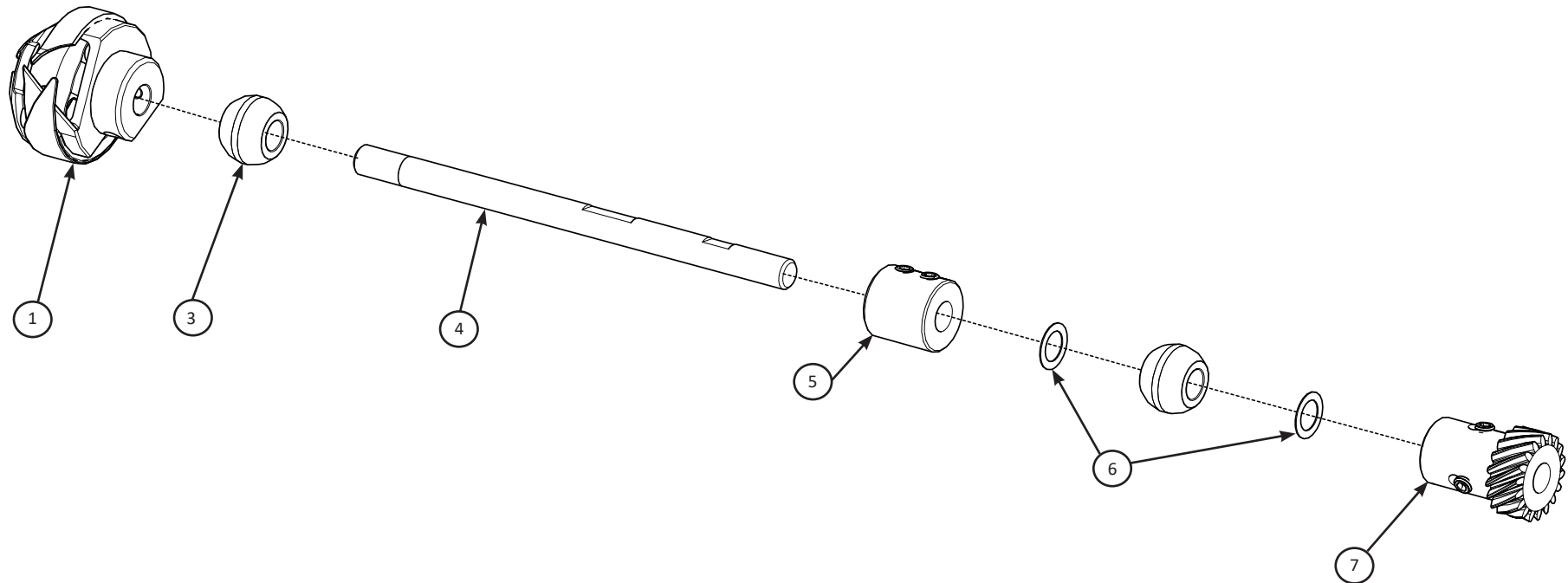
ITEM	PART #	DESCRIPTION	QTY
1	QM10673	SCREW-PITMAN NOT KEYED	1
2	QM10670	SCREW-PITMAN KEYED	1
3	QM11027	PITMAN CRANK GALLANT	1
4	QM10672	SCREW- 1/4-40 X .25 SKS ZN	2
5	QM11018	HOPPING FOOT ECCENTRIC GALLANT	1
6	QM13072	BEARING-BALL 6805 DM	1
7	QM13008	HOPPING FOOT LIFTER DM	1
8	QM11028	SCREW-M3.5X25MM SKC ZN CL 12.9	1
9	QM10226	WASHER-MAIN SHAFT	2
10	QM10563	SCREW-M4X12 SKC ZN	2
11	QM11032	COUNTER BALANCE GALLANT	1
12	QM10640	BEARING-10MM X 22MM X 16MM IRON	3
13	QM11011	SHAFT-MAIN GALLANT	1
14	QM11009	PULLEY-MAIN SHAFT GALLANT	1
15	QM11031	ASSY-MAGNETIC ENCODER COLLAR 10MM ID	1
16	QM11007	SCREW-LEFT HANDED HW GALLANT*	1
17	QM11004	HAND WHEEL GALLANT	1
18	QM13278	SCREW-M5X6 SKS F ZN	3

*** NOTES:**

1. ITEM 16, SCREW LEFT-HANDED HAND WHEEL GALLANT- has left handed threads, tightened counter-clockwise.

DRAWING NAME: QM19002, ASSY-MAIN SHAFT GALLANT

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



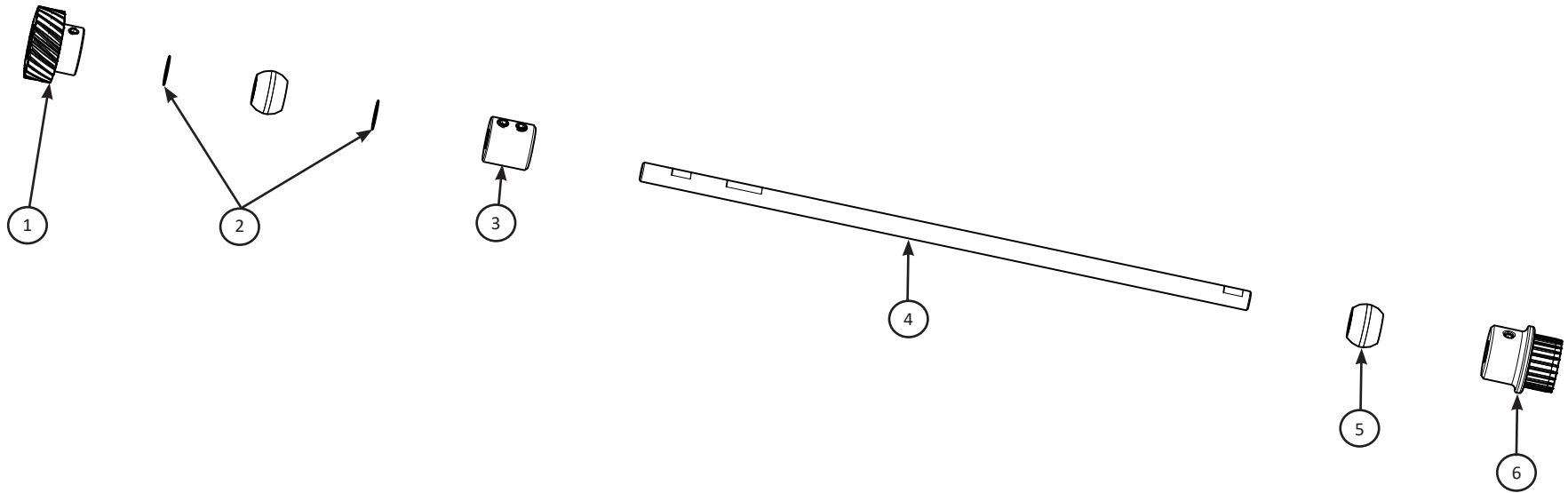
*** NOTES:**

- ITEM 1 HOOK M CLASS CERLIANI is not part of the BOM but is shown for information.
- ITEM 2 BOBBIN CASE M CLASS CERLIANI is not shown and is not part of the BOM.
- ITEM 5 COLLAR- 8MM HOOK 16/18 is installed with the precision ground surface against the thrust washer.
- ITEM 7 HELICAL GEAR STEEL, first screw in direction of rotation is positioned on the flat and tightened first.

ITEM	PART #	DESCRIPTION	QTY
1	QM10589	HOOK M CLASS CERLIANI*	1
2	QM00586	BOBBIN CASE M CLASS CERLIANI*NS	0
3	QM10583	BEARING-8MX18MX13M IRON	2
4	QM11013	HOOK SHAFT GALLANT	1
5	QM10597	COLLAR- 8MM HOOK 16/18	1
6	QM10574	WASHER-HOOK SHAFT	2
7	QM11006	HELICAL GEAR STEEL	1

DRAWING NAME: **QM19001, ASSY-HOOK SHAFT**

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

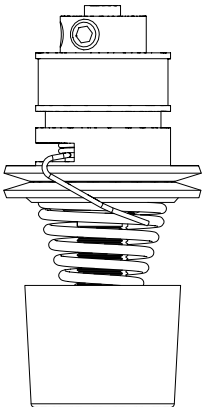
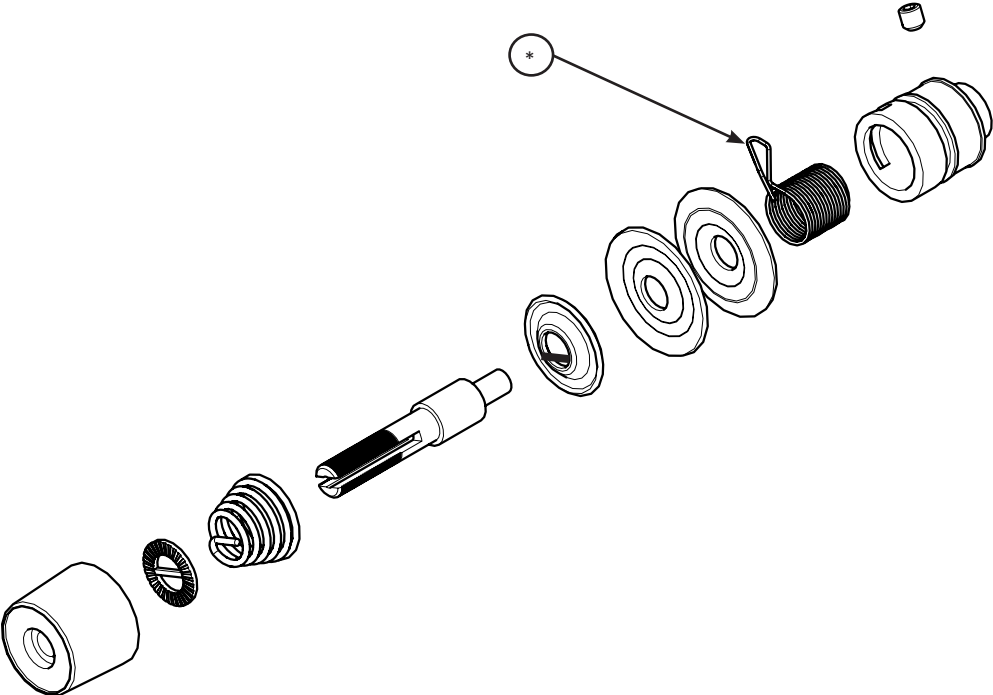


*** NOTES:**

1. ITEM 1 QM11005 HELICAL GEAR PLASTIC GALLANT has the first screw in direction of rotation positioned on the flat and tightened first.
2. ITEM 3 QM10597 COLLAR-8MM HOOK 16/18 is installed with the precision ground surface against the thrust washer.
3. ITEM 6 QM11002-1 COUPLER PULLEY DRIVE SHAFT has the first screw in direction of rotation positioned on the flat and tightened first.

ITEM	PART #	DESCRIPTION	QTY
1	QM11005	HELICAL GEAR PLASTIC GALLANT	1
2	QM10574	WASHER-HOOK SHAFT	2
3	QM10597	COLLAR-8MM HOOK 16/18	1
4	QM11012	DRIVE SHAFT GALLANT	1
5	QM10583	BEARING-8MX18MX13M IRON	2
6	QM11002-1	COUPLER PULLEY DRIVE SHAFT	1
DRAWING NAME:		QM19000, ASSY-DRIVE SHAFT GALLANT	

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS



- * NOTES:**
- 1. This is sold only as a complete assembly.
 - 2. *The take-up spring is available as an individual part, number QM10197

ITEM	PART #	DESCRIPTION	QTY
1	QM10199	ASSY-TENSION	1

DRAWING NAME: QM10199, ASSY-TENSION

QM09300-1 GALLANT SU CABLES AND ELECTRICAL

QM20041-9	CABLE-ENCODER TRRS 3.5MM 6"
QM20048	CABLE-DB9 TO CNTL GALLANT
QM20069	BOARD-REAR HB I/F GALLANT
QM20079	POWER SUPPLY-24VDC 200W 2X4
QM20080	MOTOR-GALLANT
QM20081	FUSE-1.5A SLO BLOW 5X20MM
QM20082	CABLE-PWR CNTRL TO DISPLAY
QM20083	CABLE-XY ENC. TO CNTL GALLANT (2 QUANTITY)
QM20084	CABLE-DISPLAY TO CONTROL
QM20086	CABLE-CNTL TO PS PWR GALLANT
QM20087	DUAL LED MODULES WITH CABLE
QM20093	MAGNETIC ENCODER BOARD
QM20095	DISPLAY CONTROL BOARD GALLANT
QM20096	MAIN CONTROL BOARD GALLANT
QM20097	CABLE-REAR HB TO CNTL GALLANT
QM20098	CABLE-FRONT HB TO CONTROL GALLANT
QM20117	POWER INLET JUMPER GALLANT
QM20119	CABLE-DC TO CONTROL GALLANT(Ferrite added per ECO 2020.0043 dated 08/24/20)
QM20122	POWER ENTRY MODULE WITH SWITCH
QM20304	POWER CORD G3 LOCKING USA (NOT SHOWN)
QM20804	SPEAKER
QM23040	LINE FILTER GALLANT

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
2020.0043 2020.0044	B	Ferrite added to QM20119 cable and typo corrected from QM20019 to QM20119 p.23. QM20125 and QM20126 cables added when power supply filter removed. Used to connect AC power inlet to power supply - cables not shown.	08/28/20	GHS

QM20125	CABLE-AC POWER GALLANT(NOT SHOWN) See ECO 2020.0044 & REVB notes
QM20126	CABLE -AC SAFETY GROUND GALLANT(NOT SHOWN) See ECO 2020.0044 & REVB notes

DRAWING NAME:

GALLANT CABLES AND ELECTRICAL

QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

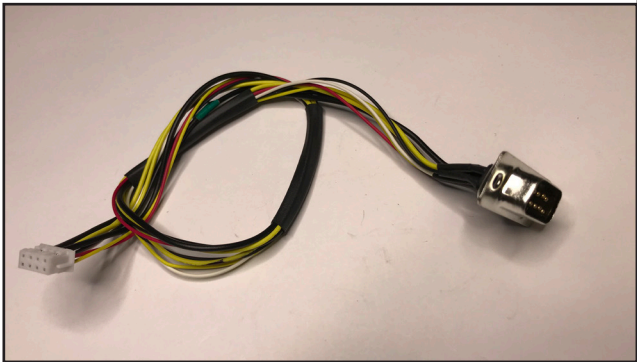
1. QM20041-9 CABLE-ENCODER TRRS 3.5MM 6"

Connects machine encoder to the machine.



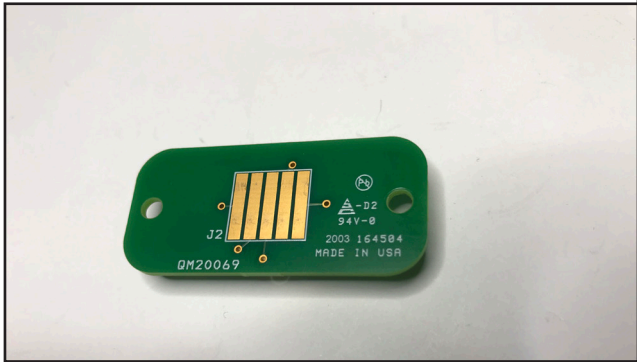
2. QM20048 CABLE -DB9 TO CNTL GALLANT

Provides connection for the optional robotic quilting system



3. QM20069 BOARD-REAR HB I/F GALLANT

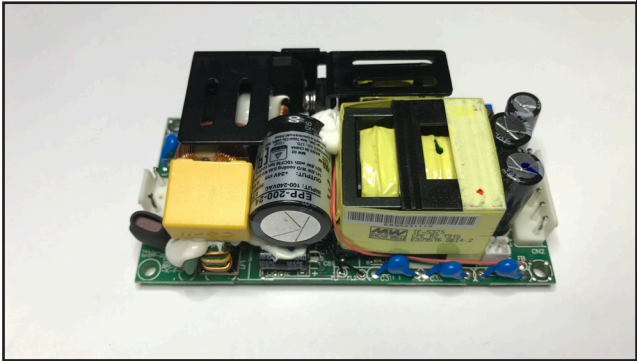
Provides rear handle bar connection to the machine



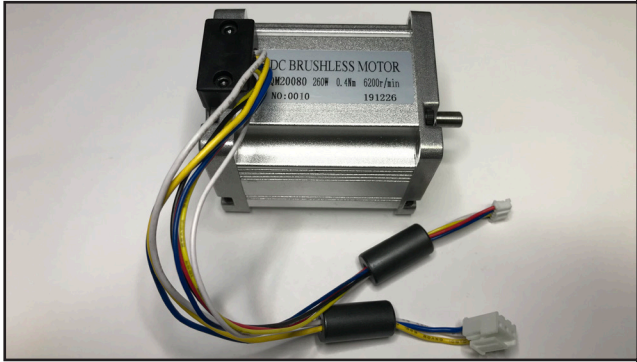
QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

4. QM20079 POWER SUPPLY-24 VOLT DC 200W 2X4



5. QM20080 MOTOR- GALLANT



6. QM20081 FUSE-1.5A SLO BLOW 5X20MM



QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

7. QM20082 CABLE-PWR CNTRL TO DISPLAY



8. QM20083 CABLE-XY ENC. TO CNTL GALLANT(2 QUANTITY)



9. QM20084 CABLE-DISPLAY TO CONTROL

Connects the built-in front display to the control board.



DRAWING NAME: GALLANT CABLES AND ELECTRICAL

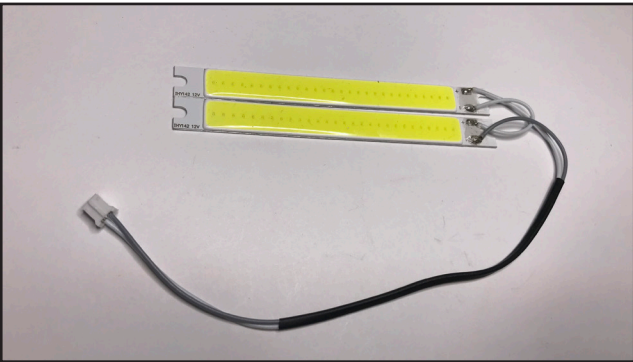
QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

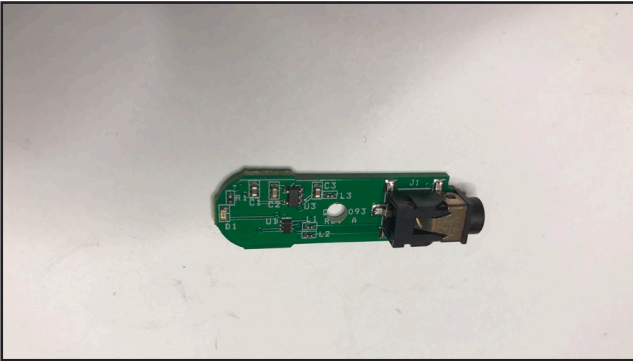
10. QM20086 CABLE-CNTL TO PS PWR GALLANT
- Provides power for the optional robotic quilting system tablet



11. QM20087 DUAL LED MODULES WITH CABLE



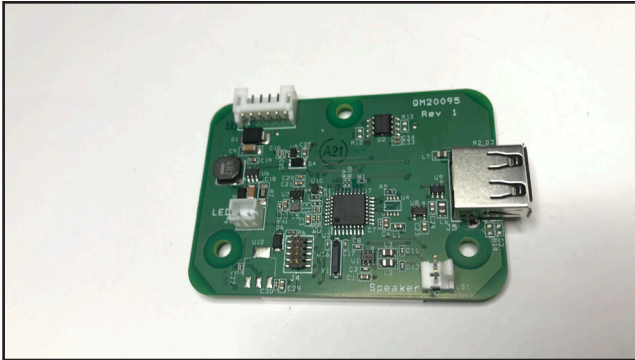
12. QM20093 MAGNETIC ENCODER BOARD



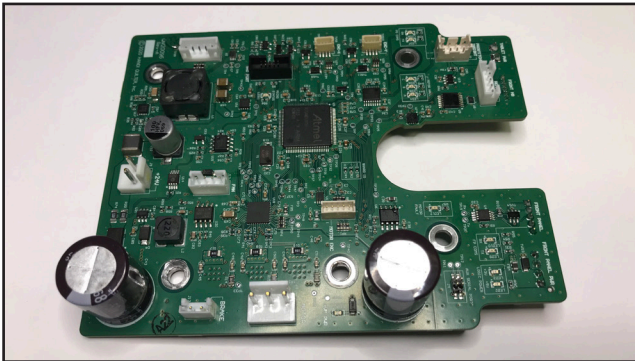
QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

13. QM20095 DISPLAY CONTROL BOARD GALLANT



14. QM20096 MAIN CONTROL BOARD GALLANT



15. QM20097 CABLE-REAR HB TO CONTROL GALLANT



QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS
2020.0043	B	Ferrite added to QM20119 cable	08/28/20	GHS

16. QM20098 CABLE-FRONT HB TO CONTROL GALLANT



17. QM20117 POWER INLET JUMPER GALLANT



18. QM20119 CABLE-DC TO CONTROL GALLANT (note: now includes a ferrite per ECO 2020.0043 dated 08/24/2020)



DRAWING NAME: GALLANT CABLES AND ELECTRICAL

QM09300-1 GALLANT SU CABLES AND ELECTRICAL

ECO	REV.	DESCRIPTION	DATE	APPROVED
IR	A	INITIAL RELEASE	05/12/20	GHS

19. QM20122 POWER ENTRY MODULE WITH SWITCH



20. QM20804 SPEAKER



21. QM23040 LINE FILTER GALLANT

