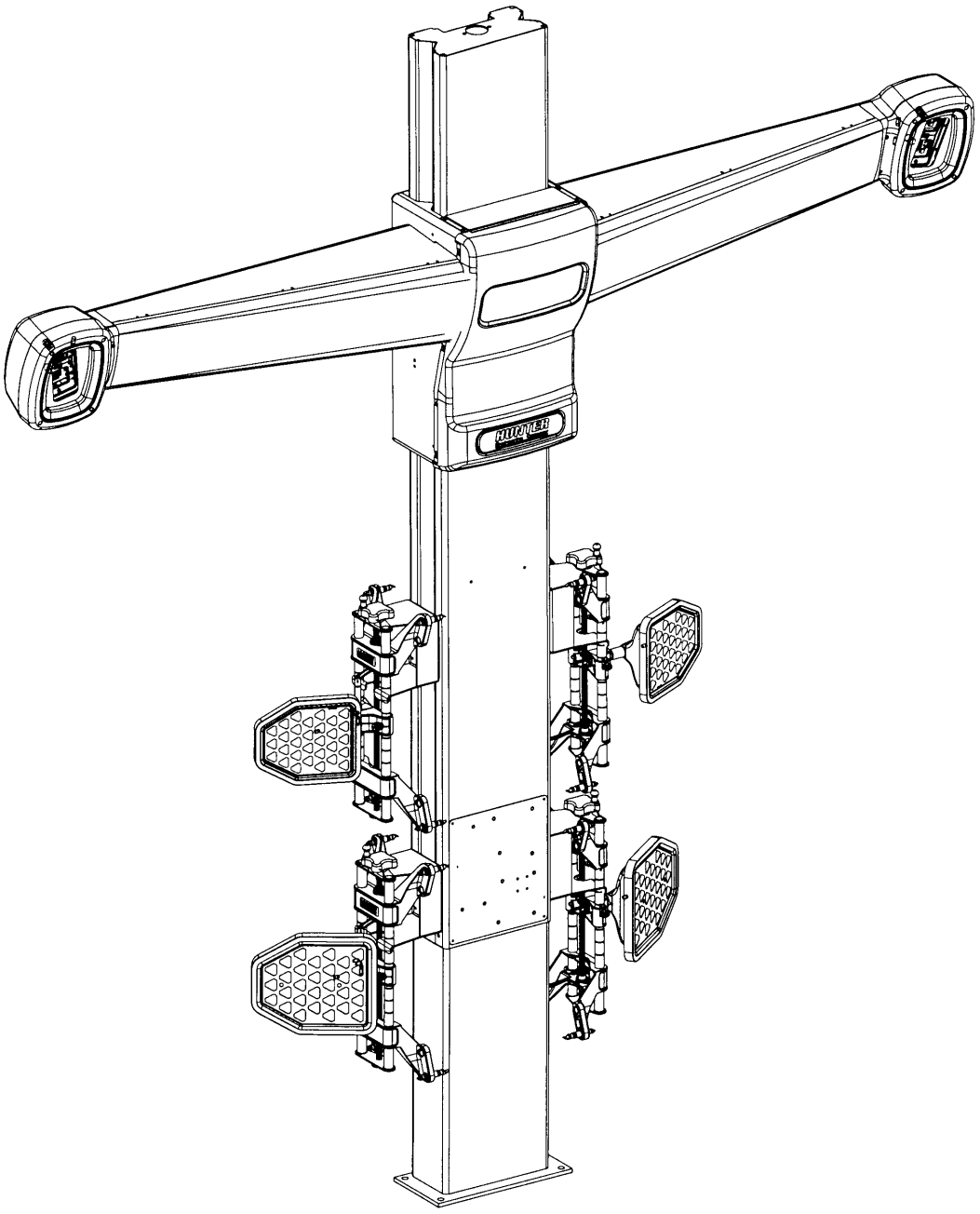

HS400/401FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

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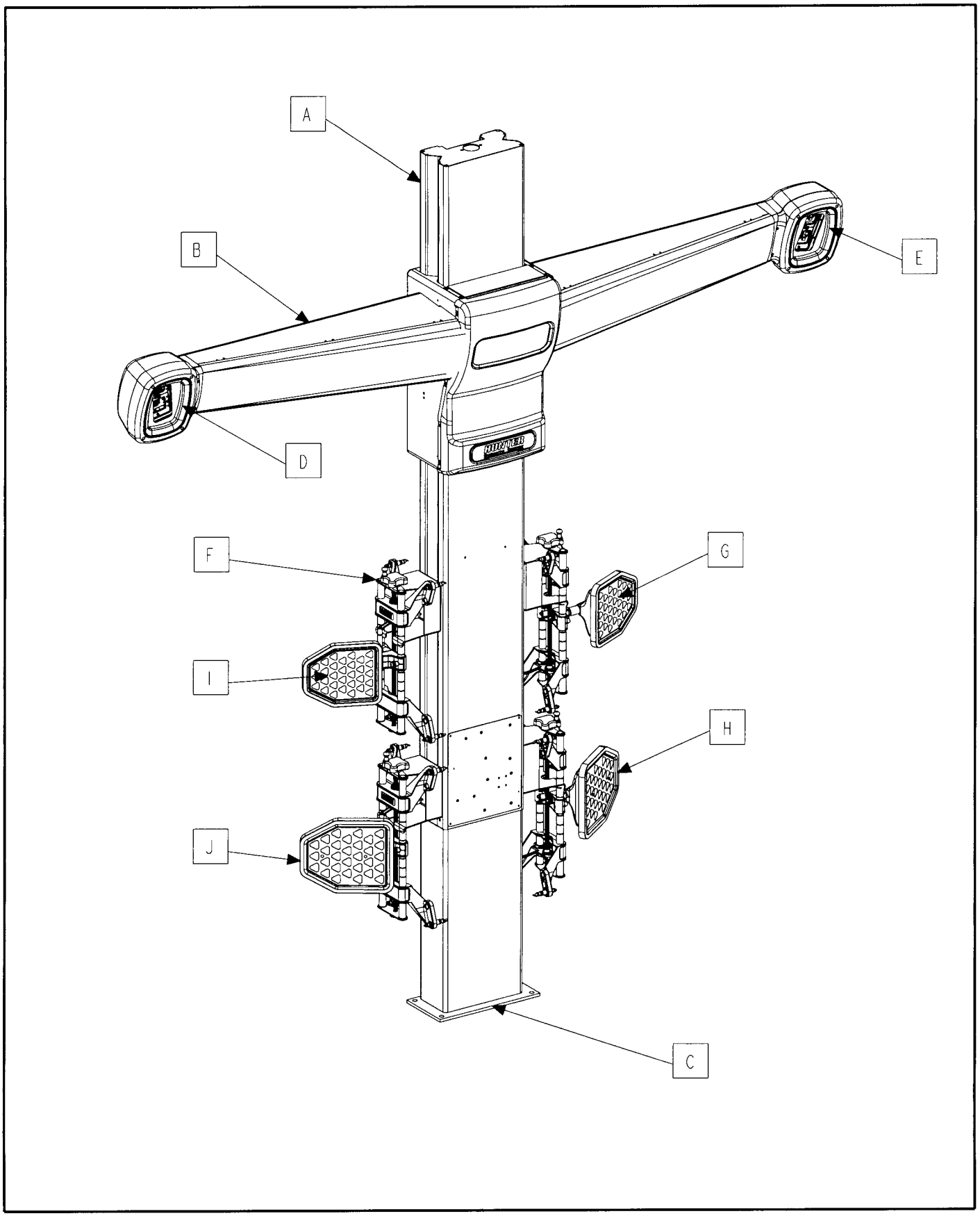
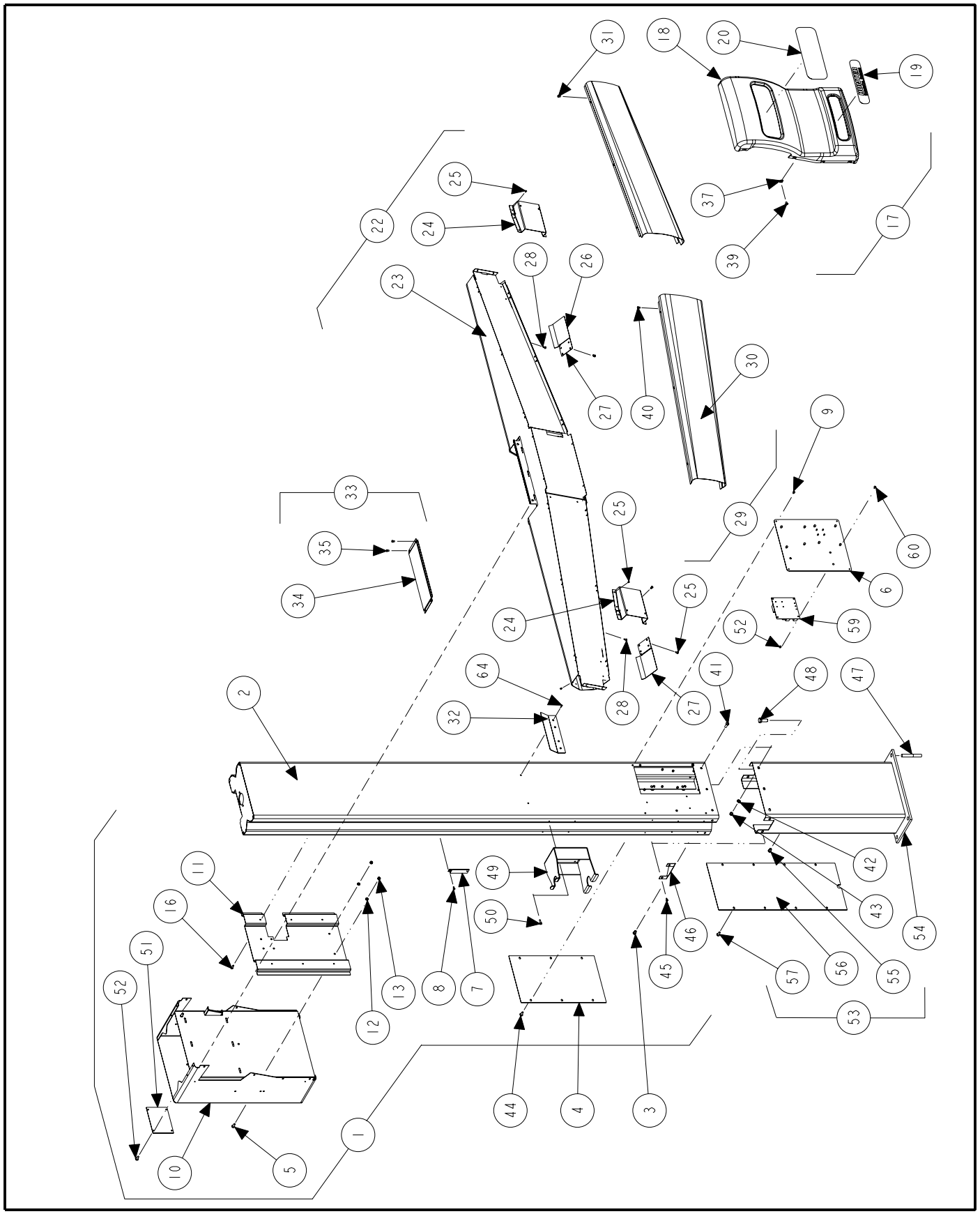


HS400/401FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
A	233-54-1	LEG ASSEMBLY, POST UPPER DSP800 (Sheet 3)
B	118-673-1	BEAM ASSEMBLY, CAMERA SUPPORT (Sheet 3)
C	13-265-1	LEG, BASE ASSEMBLY DSP800 (Sheet 3)
D	125-386-1	SENSOR, DSP600 LEFT SLV DRED 1282 (HS401 Camera Assembly) (Sheet 4A)
E	125-387-1	SENSOR, DSP600 RIGHT SLV DRED 1282 (HS401 Camera Assembly) (Sheet 4A)
OR	125-403-1	SENSOR, HS400 LEFT (HS400 Camera Assembly) (Sheet 4)
OR	125-404-1	SENSOR, HS400 RIGHT (HS400 Camera Assembly) (Sheet 4)
F	175-325-1	ADAPTOR, SELF CENTERING 20 INCH (See Form 4-110)
G	214-126-1	TARGET ASSEMBLY, FRONT RIGHT (HS401) (Sheet 5)
H	214-132-1	TARGET ASSEMBLY, REAR RIGHT (HS401) (Sheet 5A)
I	214-128-1	TARGET ASSEMBLY, FRONT LEFT (HS401) (Sheet 5)
J	214-131-1	TARGET ASSEMBLY, REAR LEFT (HS401) (Sheet 5A)
OR	214-114-1	TARGET ASSEMBLY, FRONT RIGHT (HS400) (Sheet 6)
OR	214-112-1	TARGET ASSEMBLY, REAR RIGHT (HS400) (Sheet 6)
OR	214-115-1	TARGET ASSEMBLY, FRONT LEFT (HS400) (Sheet 6)
OR	214-113-1	TARGET ASSEMBLY, REAR LEFT (HS400) (Sheet 6)
K	20-1471-1	KIT, TURNPLATE BRIDGE SET (Not Illustrated) (Consisting Of:)
L	16-676-1-005	TUBE, TURNPLATE BRIDGE WELDMENT (Not Illustrated)
M	142-122-2	HANDLE, FILLER PLATE (Not Illustrated)

PPP- Paint Code Required
A/R- As Required
REF- Reference



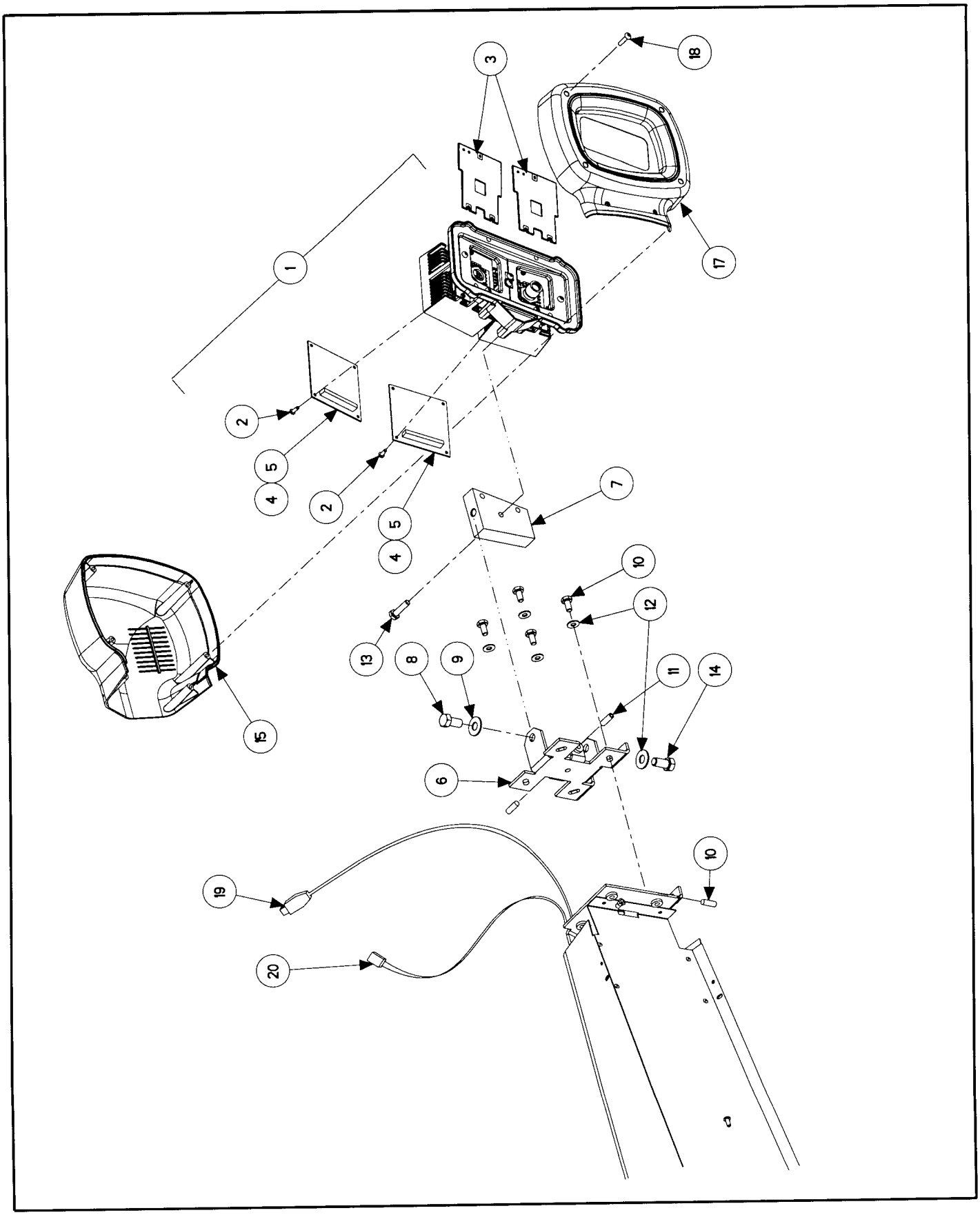
HS400/401FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description	Qty.
1	233-54-1	LEG POST UPPER (Sheet 3) (Consisting Of:)	1
2	233-53-1-PPP	POST-DSP800 POST WELDMENT	1
3	76-414-2	NUT-HEX INSERT 1/4-20	6
4	51-2233-PPP	PLATE, DSP800 POST	1
5	75-127-2	THMS 1/4-20X.75 PR BLK ZINC	12
6	171-235-1-PPP	HAWKEYE CONTROL MOUNT PANEL	1
7	69-1212-PPP	COVER, LIMIT SWITCH CLOSEOUT	3
8	75-474-2	SCREW-STAP 8-32X.38 PH TP23 ZP	3
9	75-336-2	THMS 8-32X3/8 ZP	3
10	56-49-1-005	CARRIER-HOUSING WELDMENT	1
11	46-595-005	SPACER-DSP800 FIXED CARRIER	1
12	77-71-2	WASHER-LOCK 1/4 HELICAL SPG	6
13	76-13-2	NUT-HEX 1/4-20 ZP	6
14	38-987-2	CABLE-USB 2.0 A/B 4 METER (Not Shown)	4
15	37-524-1	WIRE, EMITTER POWER (Not Shown)	2
16	75-408-2	SCREW-STAP 10-32 x .75 HWH ZP	6
17	69-1226-3	COVER, COLUMN (Consisting Of:)	1
18	69-1209-2	COVER, DSP800 CENTER	1
19	128-1144-2	DECAL, DSP800 HUNTER LOGO	1
20	128-1145-2	DECAL, HAWKEYE NAMEPLATE	1
22	118-673-1	BEAM, CAMERA SUPPORT (Consisting Of:)	1
23	118-672-1-005	BEAM, DSP800 CAMERA SUPPORT	1
24	14-1145-1	BRACKET ASY, CAMERA COVER	2
25	48-19-2	RIVET, BLIND 3/16 x ¼	8
26	69-1236-1	COVER ASSEMBLY, RADAR RIGHT	1
27	69-1237-1	COVER ASSEMBLY, RADAR LEFT	1
28	75-261-2	THMS 8-32 x ½ PR ZP	8
29	69-1217-1	COVER, BEAM FRONT (Consisting Of:)	2
30	69-1216-005	COVER, BEAM FRONT	1
31	76-443-2	NUT, HEX INSERT 8-32	6
32	14-1019-005	BRACKET, REMOTE FIXED	1
33	69-1215-1	COVER, CARRIER TOP (Consisting Of:)	1

Index No.	Part Number	Description	Qty.
34	69-1214-005	COVER, CARRIER TOP	1
35	76-443-2	NUT, HEX INSERT 8-32	4
36	20-2181-1	KIT, CAMERA POST HARDWARE	1
37	76-448-2	NUT, TINNERMAN U-TYPE #10-24	8
38	75-696-2	RHMS - 8-32 X 1.00 (Sheet 4)	16
39	75-695-2	THMS - 10-24 X .75 BZ PR	8
40	75-697-2	THMS - 8-32 X .50 BZ PR	12
41	74-270-2	SBHCS 5/16-18X1.00 FTHD	7
42	77-60-2	WASHER-LOCK 5/16 HELICAL	7
43	76-37-2	NUT-HEX 5/16-18 ZP	7
44	75-481-2	SBHCS 1/4-20 X .50 BO	20
45	75-474-2	SCREW-STAP 8-32X.38 PH TP23 ZP	4
46	69-1213-005	COVER-DSP800 TRIANGLE CLOSEOUT	2
47	74-169-2	BOLT-ANCHOR 1/2X3 3/4	4
48	74-11-2	HHCS 1/2-13X1.25 GR5 FTHD ZP	4
49	11-1255	SUPPORT-WHEEL ADAPTOR	4
50	75-408-2	SCREW-STAP 10-32X.75 HWH ZP	16
51	51-2232-005	PLATE-DSP800 CARRIER CLOSEOUT	1
52	75-446-2	SCREW-STAP 8-32X3/8 PH PR BZ	4
53	13-265-1	LEG, BASE ASSEMBLY (Consisting Of:)	1
54	13-264-1-PPP	LEG DSP800 BASE WEDLMENT	1
55	76-414-2	NUT-HEX INSERT 1/4-20	8
56	51-2234-PPP	PLATE-DSP800 BASE	1
57	75-127-2	THMS 1/4-20X.75 PR BLK ZINC	8
58	24-51-2	NAMEPLATE, HUNTER MODEL (Not Shown)	1
59	45-1205-1	PCA-7 PORT USB2 HUB	1
60	75-446-2	SCREW-STAP 8-32X3/8 PH PR BZ	4
61	38-957-3	CABLE ASY, USB BURNDY (Not Shown)	1
62	38-963-2	CABLE USB 2.0 A/B 1 METER (Not Shown)	1
63	12-163-2	CLAMP, P CLIP 3/8 ID (Not Shown)	2
64	75-599-2	SCREW-STAP ¼-20	2

PPP- Paint Code Required
A/R- As Required
REF- Reference

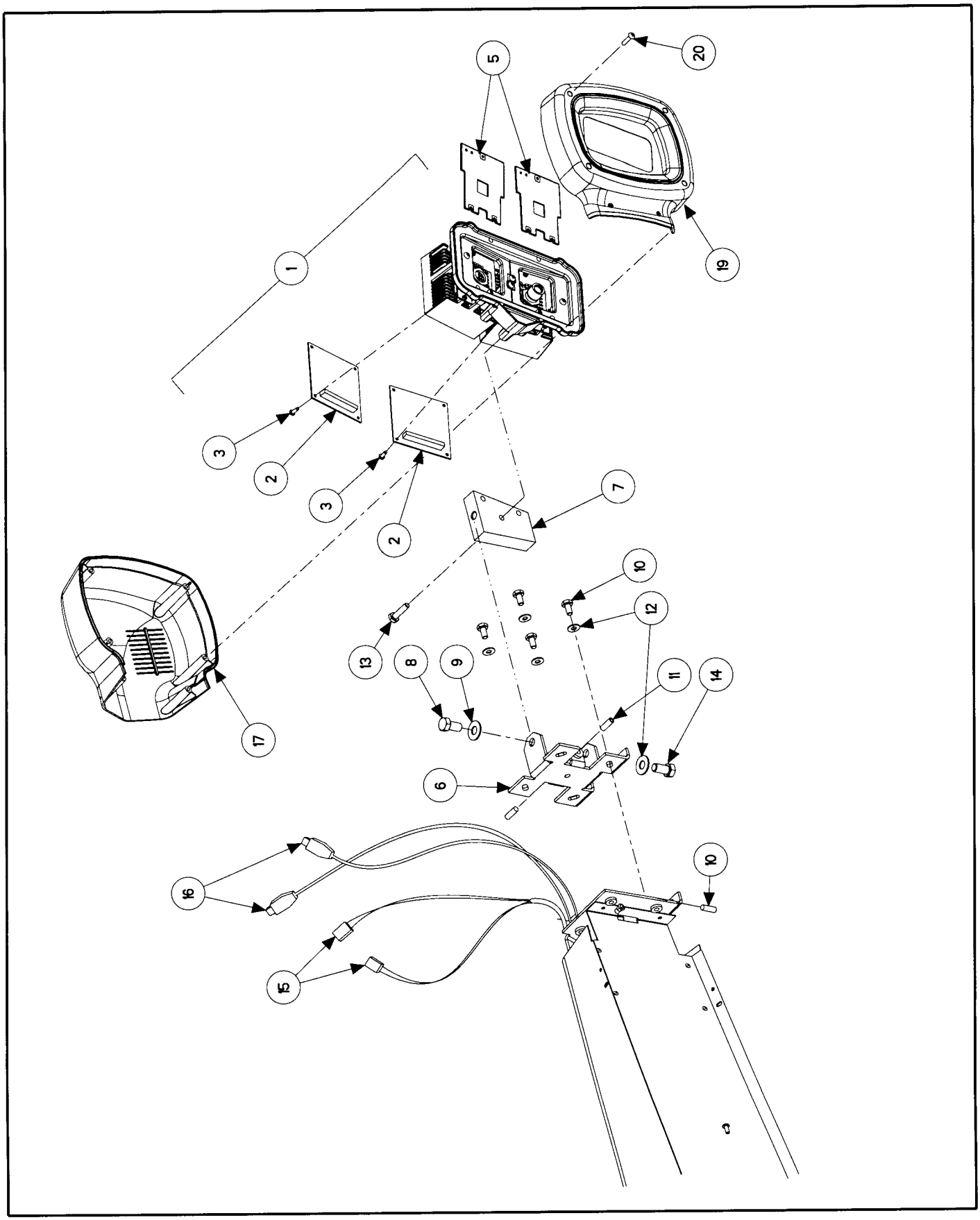


HS400FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description	Qty.
1	125-403-1	SENSOR, HS400 LEFT (HS400 Camera Assembly) (Consisting Of:)	1
OR	125-404-1	SENSOR, HS400 RIGHT (HS400 Camera Assembly) (Consisting Of:)	1
2	75-500-2	SCREW, SELF TAPPING 6-32 x 3/8 INCH	4
3	45-1129-1	PCA, DSP600 IR EMITTER SMT	2
4	45-1193-1	PCA, HS400 CAMERA CONTROL (HS400 Camera Assembly Only) (Left Rear, Right Front)	1
5	45-1195-1	PCA, HS400 CAMERA INTERCONNECT (HS400 Camera Assembly Only) (Left Front, Right Rear)	2
6	178-33-1-005	COUPLER CAMERA DSP600 WELD	2
7	121-214-2	BLOCK CAMERA MOUNT	2
8	74-59-2	HHCS 3/8-16 x .75 FTHD	8
9	77-65-2	WASHER, FLAT ¼ TPA-W ZP	2
10	75-23-2	HHCS ¼-20 x .50 FTHD ZP	8
11	75-241-2	SSS ¼-20 x ¾ OVAL PT BO	8
12	77-67-2	WASHER, FLAT ¼ TPA-W ZP	10
13	75-239-2	HHCS ¼-20 x 1 FTHD ZP	6
14	75-29-2	HHCS ¼-20 x .75 FTHD ZP	2
15	69-1211-1	COVER, CAMERA, REAR	2
16	69-1218-3	COVER ASSEMBLY, CAMERA LEFT (Not Shown)	1
17	69-1219-3	COVER ASSEMBLY, CAMERA RIGHT	1
18	75-696-2	RHMS 8-32 x 1.0 BZ PR	16
19	38-1068-1	CABLE, HS400 CAM CTL (HS400 Camera Assembly Only)	1
20	38-1069-1	CABLE, HS400FC CAM BURNDY (HS400 Camera Assembly Only)	1
21	14-1167-005	BRACKET, HS400 BURNDY (Not Shown) (HS400 Camera Assembly Only)	1
22	12-163-2	CLAMP, C-CLIP 3/8 ID RUBBER (Not Shown) (HS400 Camera Assembly Only)	2
23	38-1066-1	CABLE, HS400 CAM INTRCON (Not Shown) (HS400 Camera Assembly Only)	1
24	38-1067-1	CABLE, HS400 EMITTER POWER (Not Shown) (HS400 Camera Assembly Only)	1

PPP- Paint Code Required
A/R- As Required
REF- Reference

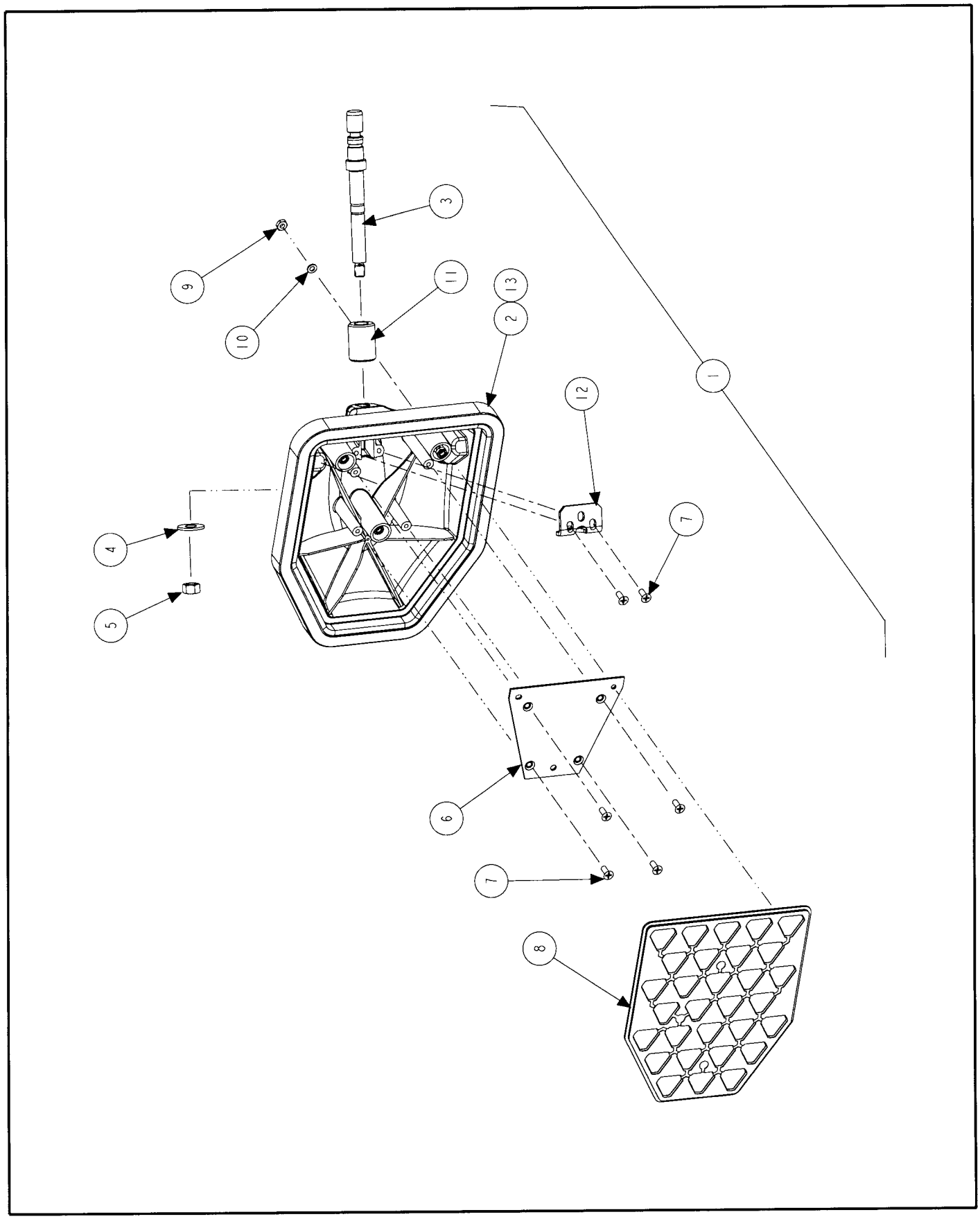


HS401FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description	Qty.
1	125-386-1	SENSOR, DSP600 LEFT SLV DRED 1282 (HS401 Camera Assembly) (Consisting Of:)	1
OR	125-387-1	SENSOR, DSP600 RIGHT SLV DRED 1282 (HS401 Camera Assembly) (Consisting Of:)	1
2	45-1013-1	PCA, USB2 CAMERA INTERFACE	1
3	75-500-2	SCREW, SELF TAPPING 6-32 x 3/8 INCH	4
4	37-523-1	WIRE ASSEMBLY EMITTER BOARD DSP600 (Not Shown)	1
5	45-1129-1	PCA, DSP600 IR EMITTER SMT	2
6	178-33-1-005	COUPLER CAMERA DSP600 WELD	2
7	121-214-2	BLOCK CAMERA MOUNT	2
8	74-59-2	HHCS 3/8-16 x .75 FTHD	8
9	77-65-2	WASHER, FLAT ¼ TPA-W ZP	2
10	75-23-2	HHCS ¼-20 x .50 FTHD ZP	8
11	75-241-2	SSS ¼-20 x ¾ OVAL PT BO	8
12	77-67-2	WASHER, FLAT ¼ TPA-W ZP	10
13	75-239-2	HHCS ¼-20 x 1 FTHD ZP	6
14	75-29-2	HHCS ¼-20 x .75 FTHD ZP	2
15	37-524-1	WIRE ASSEMBLY, DSP600 EMITTER POWER	2
16	38-987-2	CABLE USB, 2.0 A/B 4 METER	4
17	69-1211-1	COVER, CAMERA, REAR	2
18	69-1218-3	COVER ASSEMBLY, CAMERA LEFT (Not Shown)	1
19	69-1219-3	COVER ASSEMBLY, CAMERA RIGHT	1
20	75-696-2	RHMS 8-32 x 1.0 BZ PR	16
21	12-163-2	CLAMP, C-CLIP 3/8 ID RUBBER (Not Shown) (HS400 Camera Assembly Only)	2

PPP-Paint Code Required
A/R-As Required
REF-Reference

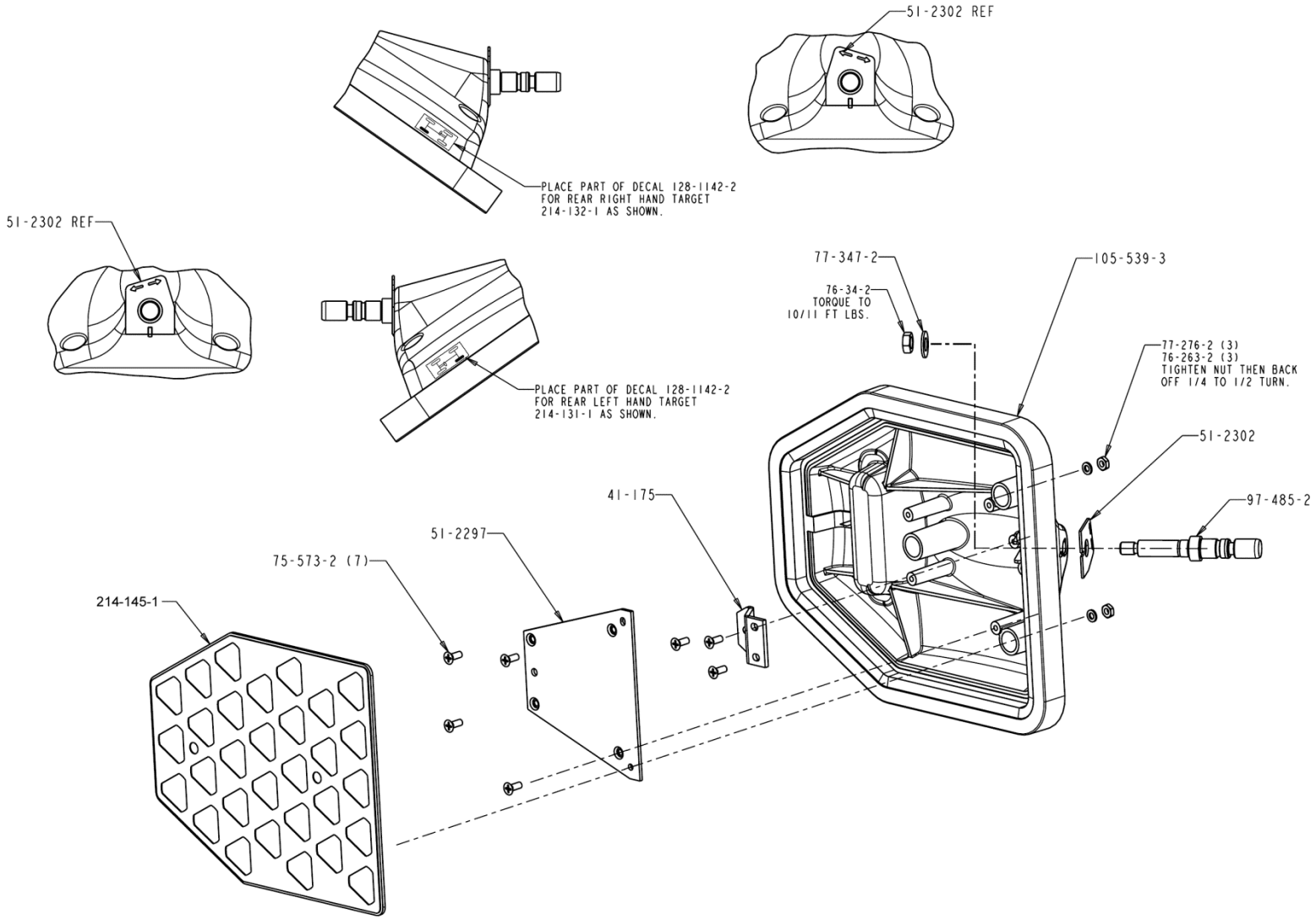


HS400/401FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

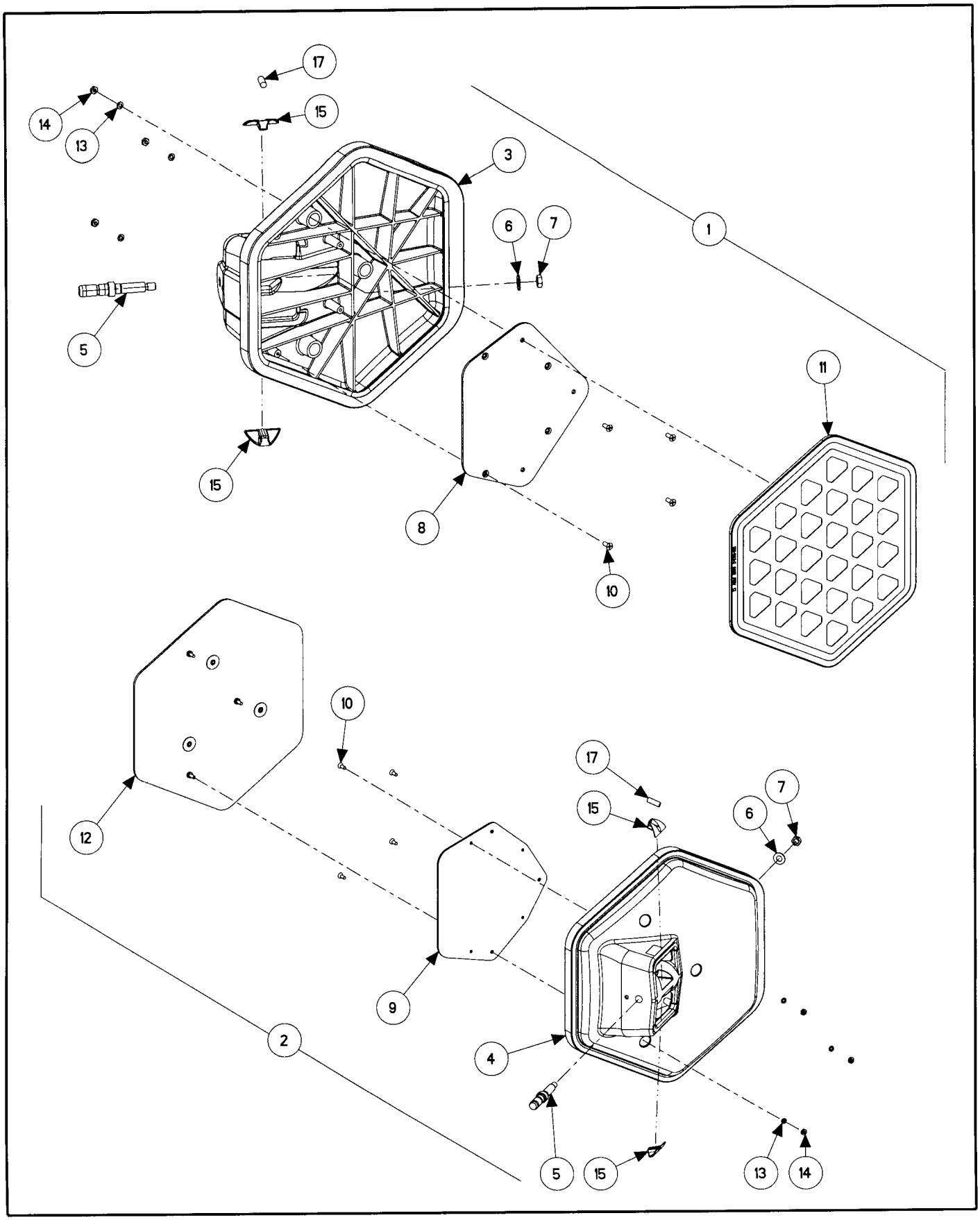
Index No.	Part Number	Description	Qty.
1	214-126-1	TARGET ASSEMBLY, RIGHT FRONT (Consisting Of:)	1
OR	214-128-1	TARGET ASSEMBLY, LEFT FRONT (Consisting Of:) (Not Illustrated)	1
2	105-507-3	HOUSING-TARGET OVERMOLD, F/R	1
3	97-550-2	SHAFT-BULLET TARGET	1
4	77-26-2	WASHER-FLAT 3/8 TPA-N ZP	1
5	76-34-2	NUT-JAM 3/8-24 ZP	1
6	51-2215	PLATE-TARGET BACKUP	1
7	75-573-2	FHSMS 10-16X.5 TP25 PR ZP	6
8	214-144-1	TARGET ASSY-FRONT	1
OR	214-145-1	TARGET ASSY-REAR	1
9	77-276-2	WASHER-SPRING CURVED #10	3
10	76-263-2	NUT-LOCK 10-32 NYLON INSERT ZP	3
11	46-591-2	SPACER-SHAFT	1
12	41-165	RETAINER-SHAFT	1
13	128-1142-2	DECAL-TURNPLATE SCALE POSITION	1
14	51-2301	PLATE-UP INDICATOR (Not Illustrated)	1

PPP- Paint Code Required
A/R- As Required
REF- Reference


51-2302 REF
PLACE PART OF DECAL 128-1142-2
FOR REAR RIGHT HAND TARGET
214-132-1 AS SHOWN.
51-2302 REF
PLACE PART OF DECAL 128-1142-2
FOR REAR LEFT HAND TARGET
214-131-1 AS SHOWN.
77-347-2
76-34-2
TORQUE TO
10/11 FT LBS.
105-539-3
77-276-2 (3)
76-263-2 (3)
TIGHTEN NUT THEN BACK
OFF 1/4 TO 1/2 TURN.
51-2302
97-485-2
41-175
51-2297
75-573-2 (7)
214-145-1

Index No.	Part Number	Description	Qty.
1	214-131-1	TARGET ASSEMBLY, REAR LEFT (Consisting Of:)	1
OR	214-132-1	TARGET ASSEMBLY, REAR RIGHT (Consisting Of:) (Not Illustrated)	1
2	105-539-3	HOUSING-TARGET OVERMOLD REAR	1
3	97-485-2	SHAFT-TARGET, DSP600	1
4	77-347-2	WASHER-FLAT 3/8 TPB-N ZP	1
5	76-34-2	NUT-JAM 3/8-24 ZP	1
6	51-2297	PLATE-TARGET BACKUP	1
7	75-573-2	FHSMS 10-16X.5 TP25 PR ZP	6
8	214-145-1	TARGET ASSY- REAR	1
9	77-276-2	WASHER-SPRING CURVED #10	3
10	76-263-2	NUT-LOCK 10-32 NYLON INSERT ZP	3
11	46-591-2	SPACER-SHAFT	1
12	41-175	RETAINER-SHAFT	1
13	128-1142-2	DECAL-TURNPLATE SCALE POSITION	1
14	51-2302	PLATE UP INDICATOR FRONT	1

PPP-Paint Code Required
A/R-As Required
REF-Reference



HS400FC HAWKEYE HIGH DEFINITION IMAGING SENSOR ASSEMBLIES

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description	Front Targets	Rear Targets
1	214-115-1	TARGET ASSEMBLY, FRONT PLASTIC LH (Consisting Of:)	1	
OR	214-114-1	TARGET ASSEMBLY, FRONT PLASTIC RH (Not Illustrated)	1	
2	214-112-1	TARGET ASSEMBLY, REAR PLASTIC RH (Consisting Of:)		1
0R	214-113-1	TARGET ASSEMBLY, REAR PLASTIC LH (Not Illustrated)		1
3	105-376-3	HOUSING-FRONT WITH BUMPER	1	
4	105-380-3	HOUSING-REAR WITH BUMPER		1
5	97-485-2	SHAFT, DSP600 TARGET	1	1
6	77-26-2	WASHER, FLAT 3/8 TPA-N	1	1
7	76-34-2	NUT, JAM 3/8-24	1	1
8	51-1714	PLATE, BACKUP FRONT	1	
9	51-1715	PLATE, BACKUP REAR		1
10	75-573-2	FLAT HEAD SHEET METAL SCREW 10-16 X .5	4	4
11	214-109-1	TARGET ASSEMBLY, FRONT 1.86	1	
12	214-104-1	TARGET ASSEMBLY, REAR 2.22		1
13	77-276-2	WASHER-SPRING CURVED #10	3	3
14	76-263-2	NUT, LOCK 10-32 NYLON INSERT	3	3
15	105-369-2	HOUSING, LEVEL TARGET	2	2
16	128-970-2	DECAL, DSP400 TARGET WARNING (Not Illustrated)	1	1
17	221-631-2	TOOL LEVEL, DSP400 TARGET	1	1

PPP- Paint Code Required
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REF- Reference