

2021 Lagoon Crawler

Parts Catalogue
Revision 1
June 2021

PO Box 160, 4816 Line 34
Sebringville, Ontario, Canada
N0K 1X0

Toll Free: (877) 837-7323
Phone: (519) 393-6284
Fax: (519) 393-5104
Email: nuhnind@nuhn.ca
Website: www.nuhn.ca

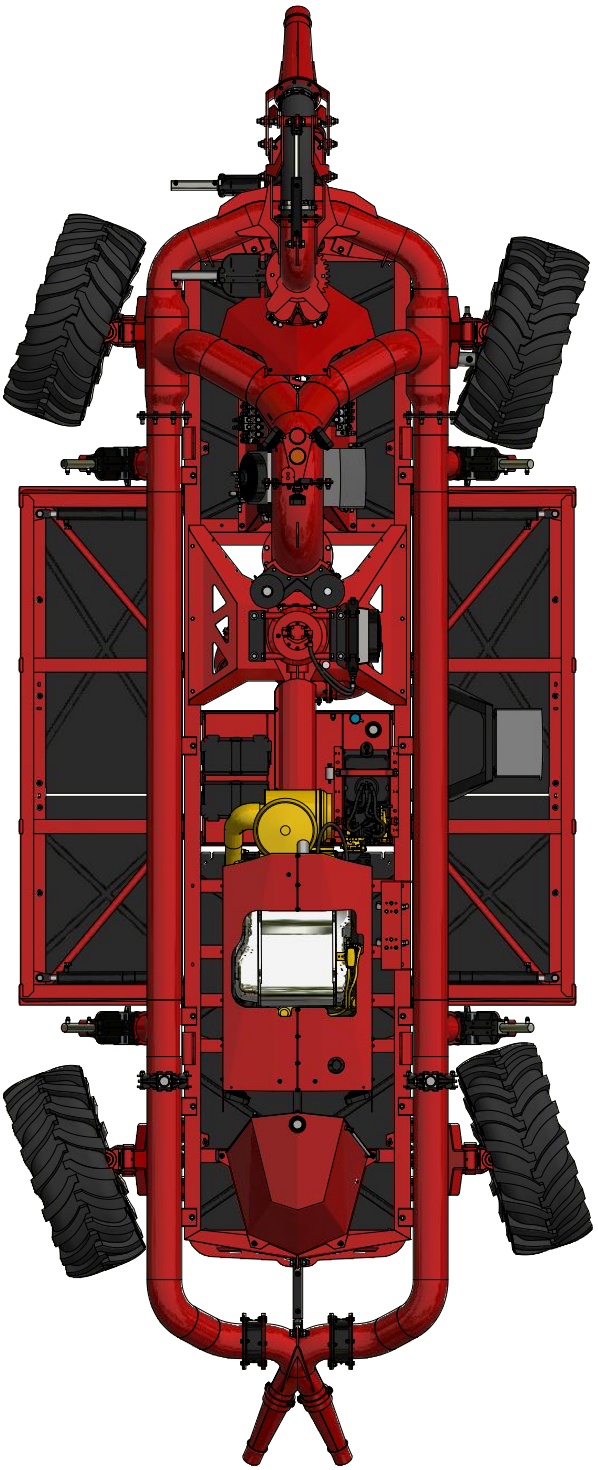
NUHN15000007422

Notes	1000-209-02

NUHN15000007423

Lagoon Crawler - Top View | 1000-209-02

FRONT



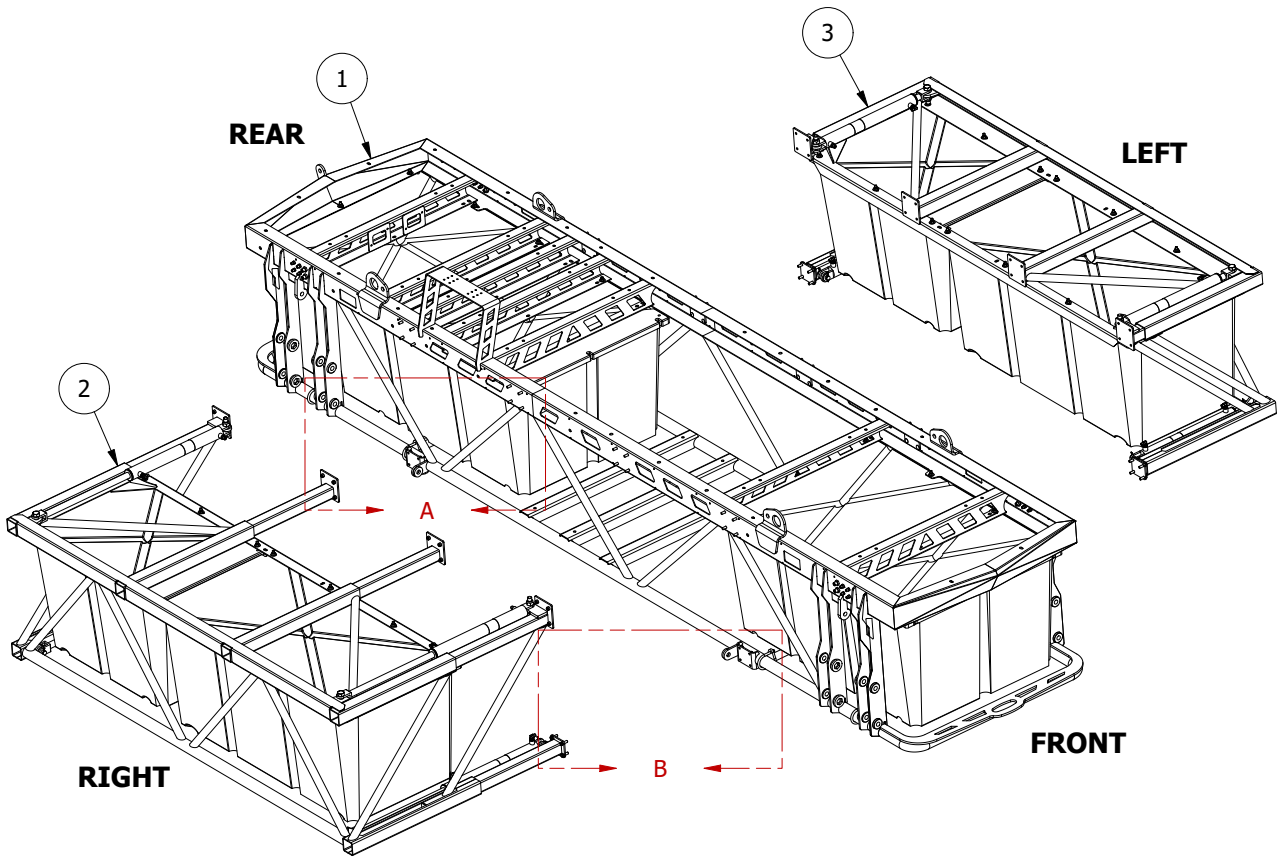
LEFT

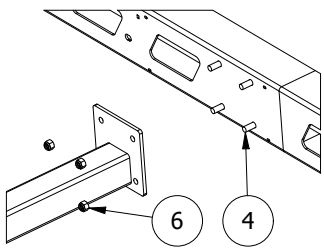
RIGHT

REAR

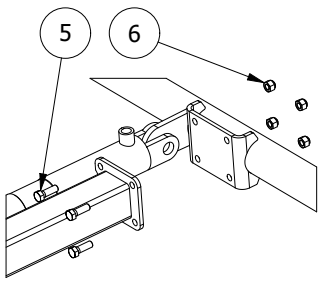
NUHN15000007424

Frame Assembly | 1000-209-02





DETAIL A



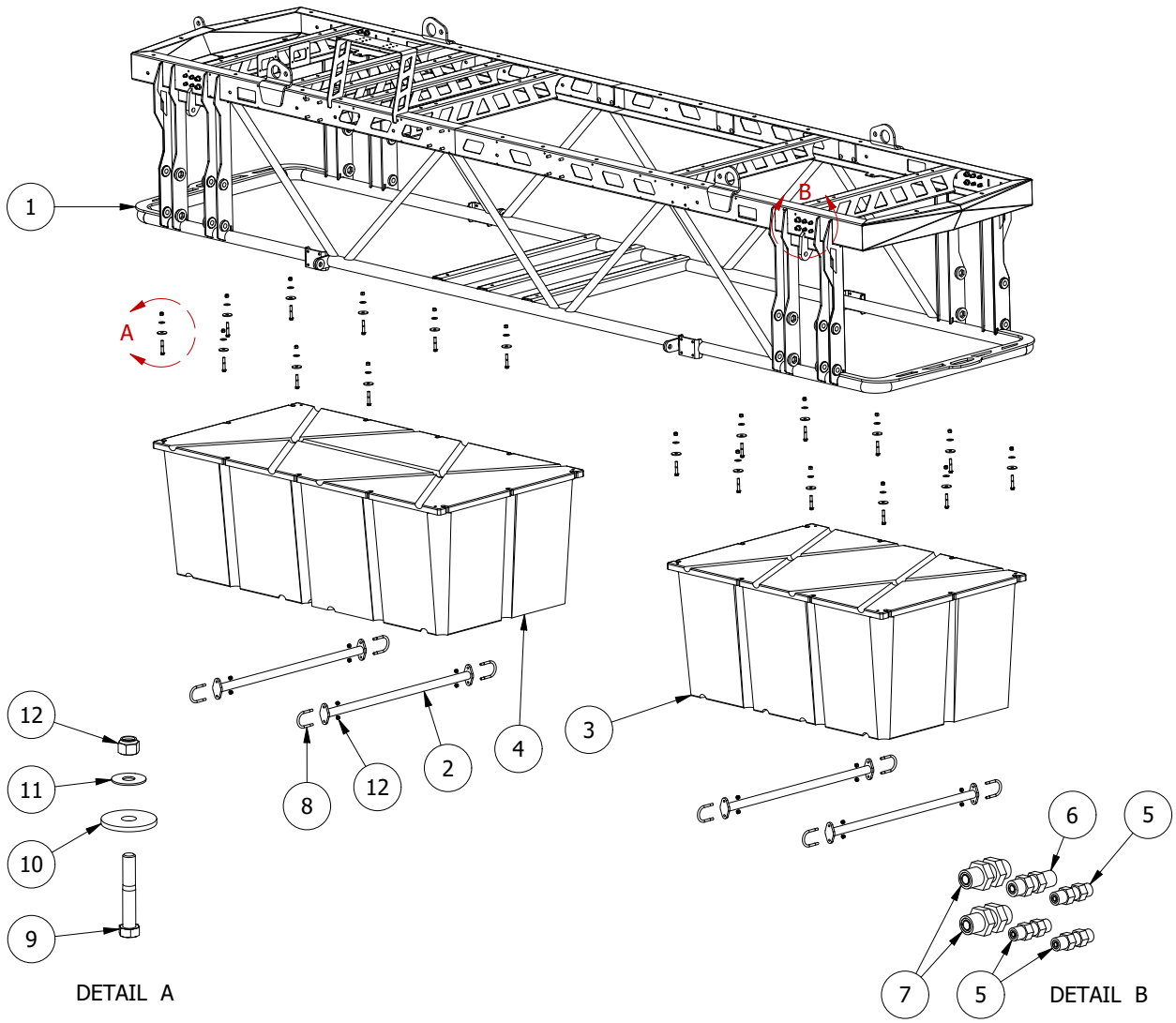
DETAIL B

PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	110-503	Lagoon Crawler - Center Frame - 2021 Model
2	1	109-234	Extendable Side-Float Frame - Right
3	1	109-233	Extendable Side-Float Frame - Left
4	32	104-962	Bolt - Round Head Carriage - 0.5" x 1.5" - GR5 (Welded to Frame)
5	16	100-914	Bolt - Hex Head - 0.5" x 1.5" - GR5
6	48	100-904	Nut - Nylock - 0.5" - GR2

NUHN15000007425

Center Frame Assembly | 1000-209-02



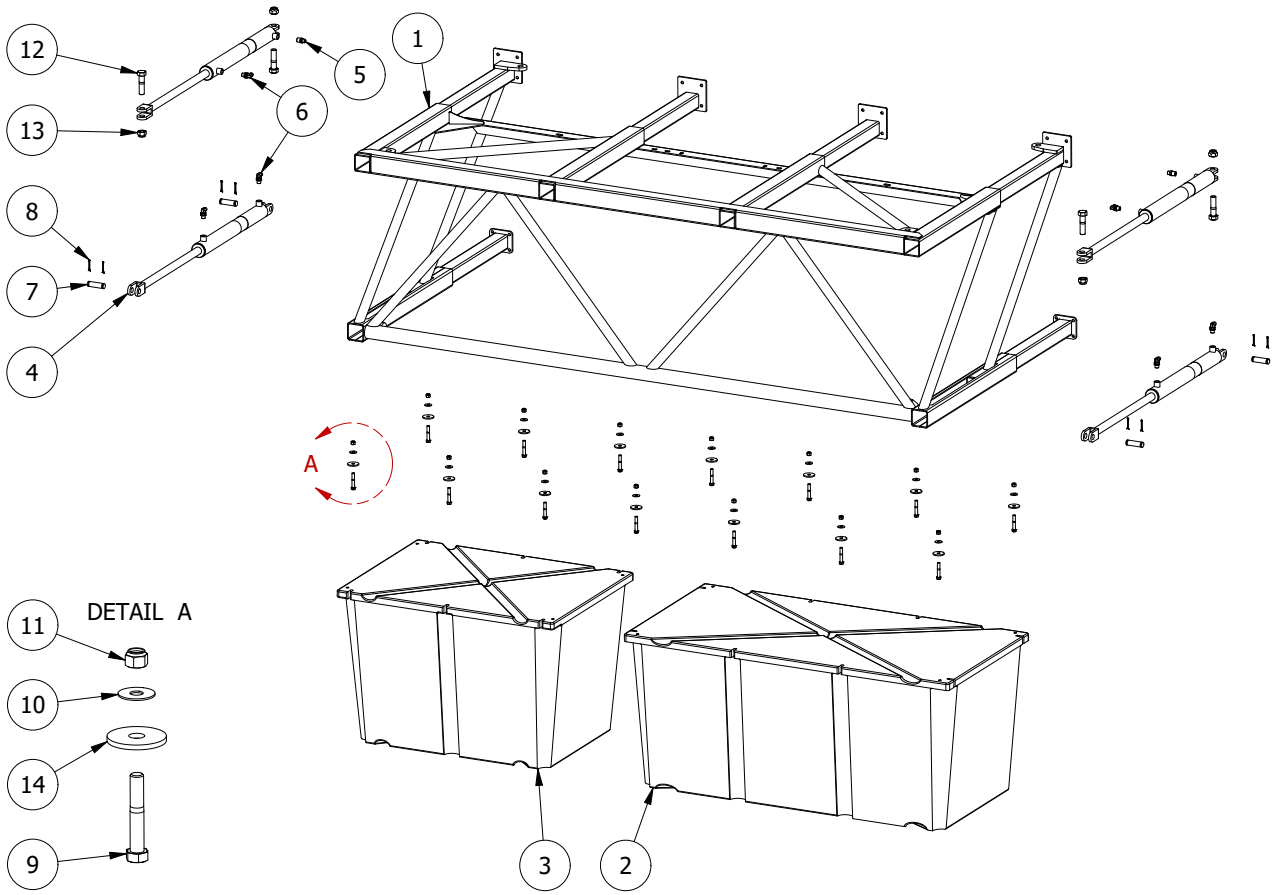
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	110-503	Lagoon Crawler - Center Frame - 2021 Model
2	4	110-504	Center Frame - Support Cross Bar
3	1	106-497	Pontoon Float - 48" x 72" x 32"
4	1	107-015	Pontoon Float - 48" x 96" x 32"
5	12	104-847	Hyd. Adaptor - Bulk Head - #4 MORS x #4 MORS (FS2700LN-0404)
6	4	104-848	Hyd. Adaptor - Bulk Head - #6 MORS x #6 MORS (FS2700LN-0606)
7	8	104-849	Hyd. Adaptor - Bulk Head - #8 MORS x #8 MORS (FS2700LN-0808)
8	8	104-137	Bolt - U - 0.5" x 2.5" Pipe size
9	19	100-980	Bolt - Hex Head - 0.5" x 3" - GR5
10	19	100-898	Washer - Flat - 0.5"
11	19	100-845	Float Washer - 2.25" OD x 0.625" ID x 0.1875"
12	35	100-904	Nut - Nylock - 0.5" - GR2

NUHN15000007426

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 5 of 60

Extendable Side-Float Sub-Assembly - Right | 1000-209-02



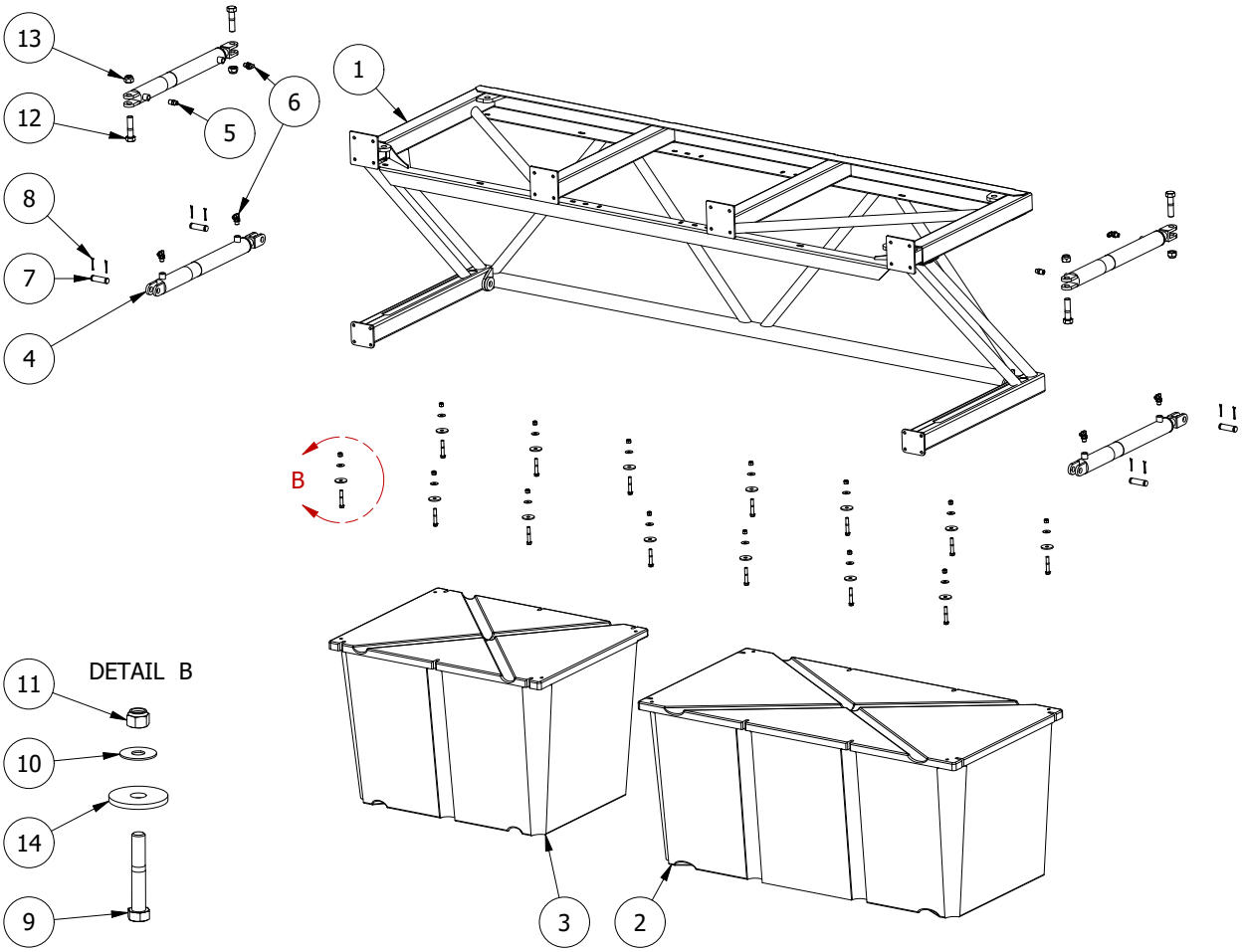
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	109-234	Extendable Side Float Frame - Right
2	1	106-495	Pontoon Float - 36" x 72" x 32"
3	1	106-494	Pontoon Float - 36" x 48" x 32"
4	4	107-327	Hyd. Cylinder - Welded - 2.5" x 24" - 90° Ports
5	2	104-803	Hyd. Adaptor - Straight - #6 MORS x #8 MOR (FS6400-06-08)
6	6	104-804	Hyd. Adaptor - 90° Elbow - #6 MORS x #8 MOR (FS6801-06-08)
7	4	107-682	Pin - Cylinder - 1" x 3.5"
8	8	107-432	Pin - Cotter - Extended Prong Square Cut Type - 0.125" x 2"
9	14	100-980	Bolt - Hex Head - 0.5" x 3" - GR5
10	14	100-898	Washer - Flat - 0.5"
11	14	100-904	Nut - Nylock - 0.5" - GR2
12	4	100-467	Bolt - Hex Head - 1" x 4" - GR5
13	4	100-907	Nut - Nylock - 1" - GR2
14	14	100-845	Float Washer - 2.25" OD x 0.625" ID x 0.1875"

NUHN15000007427

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 6 of 60

Extendable Side-Float Sub-Assembly - Left | 1000-209-02

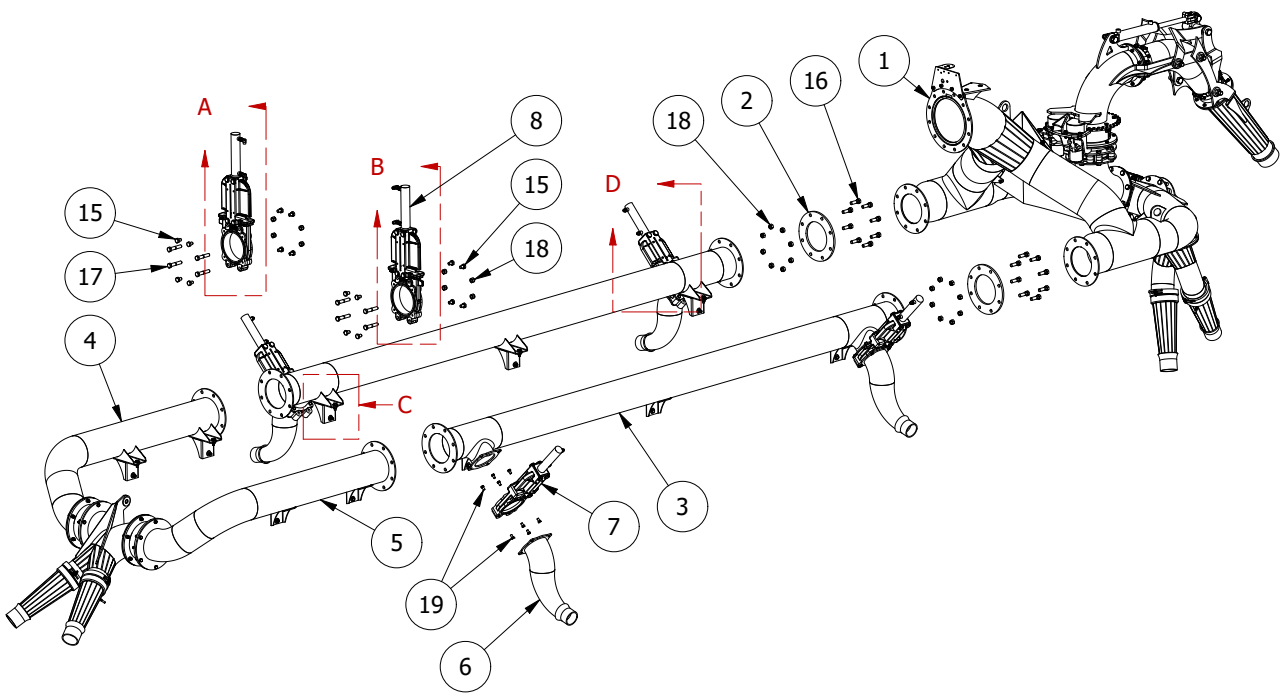


PARTS LIST

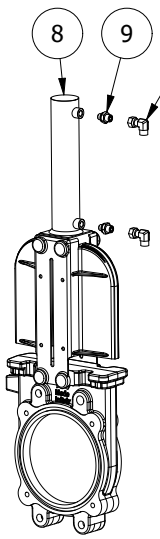
ITEM	QTY	PART NUMBER	TITLE
1	1	109-233	Extendable Side Float Frame - Left
2	1	106-495	Pontoon Float - 36" x 72" x 32"
3	1	106-494	Pontoon Float - 36" x 48" x 32"
4	4	107-327	Hyd. Cylinder - Welded - 2.5" x 24" - 90° Ports
5	2	104-803	Hyd. Adaptor - Straight - #6 MORS x #8 MOR (FS6400-06-08)
6	6	104-804	Hyd. Adaptor - 90° Elbow - #6 MORS x #8 MOR (FS6801-06-08)
7	4	107-682	Pin - Cylinder - 1" x 3.5"
8	8	107-432	Pin - Cotter - Extended Prong Square Cut Type - 0.125" x 2"
9	14	100-980	Bolt - Hex Head - 0.5" x 3" - GR5
10	14	100-898	Washer - Flat - 0.5"
11	14	100-904	Nut - Nylock - 0.5" - GR2
12	4	100-467	Bolt - Hex Head - 1" x 4" - GR5
13	4	100-907	Nut - Nylock - 1" - GR2
14	14	100-845	Float Washer - 2.25" OD x 0.625" ID x 0.1875"

NUHN15000007428

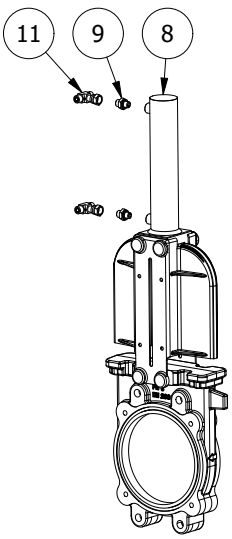
Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 7 of 60



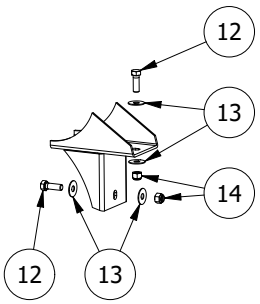
DETAIL A



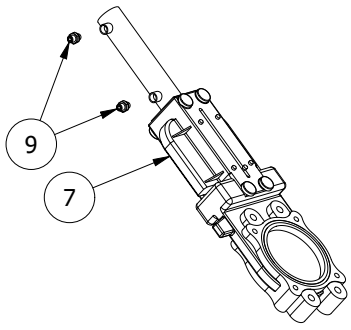
DETAIL B



DETAIL C



DETAIL D



NUHN15000007429

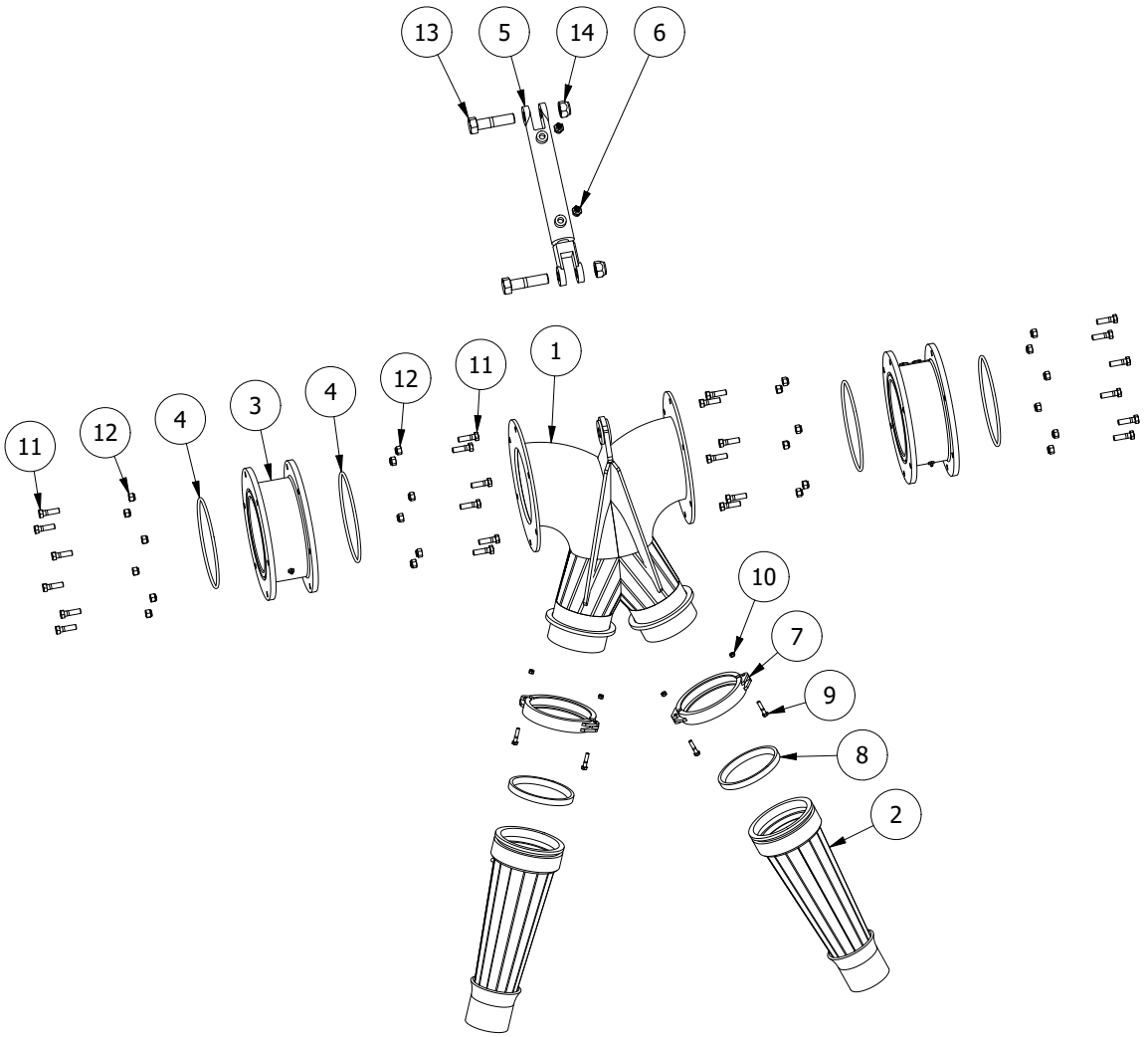
Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 8 of 60

Piping Structure 1000-209-02

PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	106-532-2	Rear Pipe Assembly
2	2	109-919	Rubber Flange - 8" ANSI 150 Flange - 0.5"
3	2	106-541	8" Side Pipe with Flanges Assembly
4	1	106-543-1	Front Swivel Left Side Pipe Assembly
5	1	106-542-1	Front Swivel Right Side Pipe Assembly
6	4	106-521-1	Side Steer Nozzle - Short "S" Profile
7	4	100-705-2	Gladio Gate Valve - 6" ANSI - with Cylinder
8	2	100-722-2	Gladio Gate Valve - 8" ANSI - with Cylinder
9	12	104-649	Hyd. Adaptor - Straight - #6 MORS x #4 MBSPP (FS6002-06-04)
10	2	104-818	Hyd. Adaptor - 90° Elbow - #6 MORS x #6 FORSX (FS6500-06-06)
11	2	104-929	Hyd. Adaptor - Tee - #6 MORS x #6 MORS x #6 FORSX (FS6600-06-06-06)
12	22	100-914	Bolt - Hex Head - 0.5" x 1.5" - GR5
13	44	100-898	Washer - Flat - 0.5"
14	22	100-904	Nut - Nylock - 0.5" - GR2
15	16	101-204	Bolt - Hex Head - 0.75" x 1" - GR5
16	16	101-207	Bolt - Hex Head - 0.75" x 2.5" - GR5
17	8	101-210	Bolt - Hex Head - 0.75" x 4" - GR5
18	24	101-201	Nut - Nylock - 0.75" - GR2
19	32	100-923	Bolt - Hex Head - M12 x 20 - 8.8

Boat Drive Nozzle Assembly | 1000-209-02



PARTS LIST

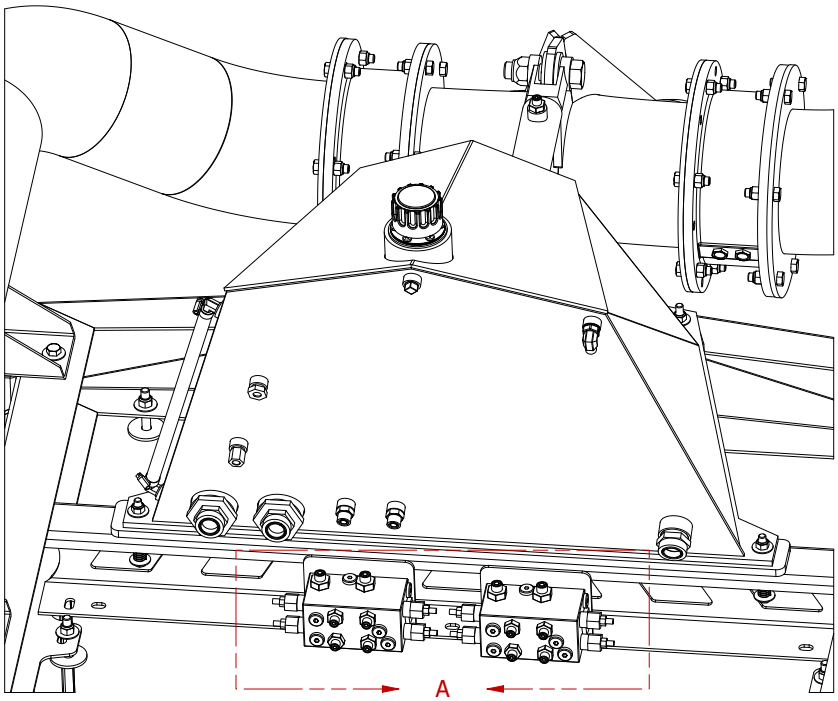
ITEM	QTY	PART NUMBER	TITLE
1	1	106-522-1	Rear Dual Nozzle Main Weldment (2019 & Newer)
2	2	100-796	Nozzle - 6" to 4" High Pressure
3	2	105-855-1	Swivel Joint - 8" - No Internal O-Ring
4	4	106-517-1	O Ring - 8" - Swivel Joint
5	1	102-817	Hyd. Cylinder - Welded - 2" x 8" - Clevis - 90°
6	2	104-455	Hyd. Adaptor - Straight - #4 MORS x #8 MOR (FS6400-04-08)
7	2	100-849	Clamp - 6" High Pressure
8	2	100-890	Gasket - Rainway - 6"
9	4	101-027	Bolt - Hex Head - 0.3125" x 1.5" - GR5
10	4	101-189	Nut - Nylock - 0.3125"
11	24	100-915	Bolt - Hex Head - 0.5" x 1.75" - GR5
12	24	100-904	Nut - Nylock - 0.5"
13	2	100-467	Bolt - Hex Head - 1" x 4" - GR5
14	2	100-907	Nut - Nylock - 1" - GR2

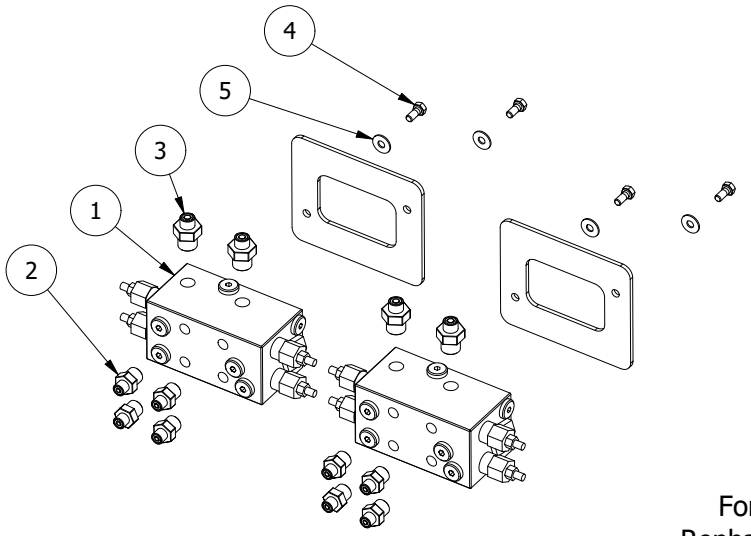
Double Lift and Steer Manifolds at Rear

1000-209-02

RIGHT

LEFT





DETAIL A

NOTE:
For Crawler MOD-0934
Rephasing Steering Cylinders
Only Requires 1 CX-75 Block
- Remove Right Side

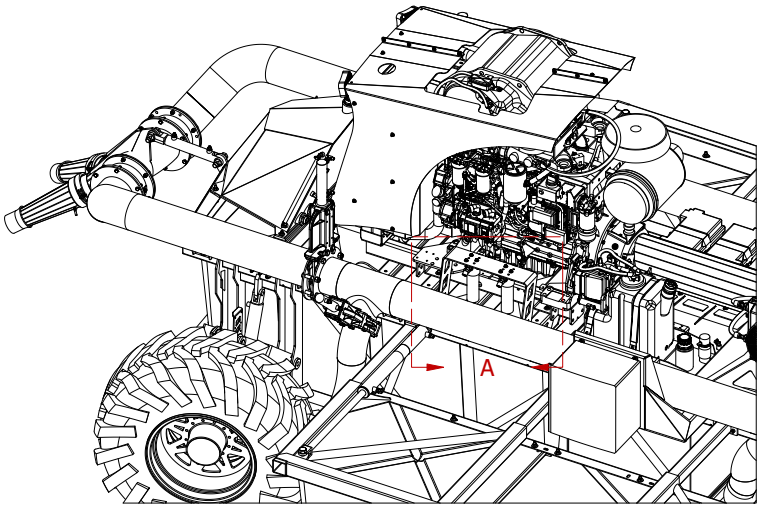
PARTS LIST

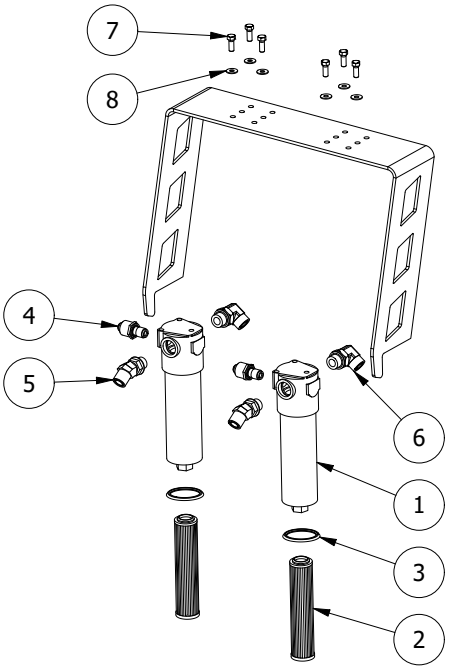
ITEM	QTY	PART NUMBER	TITLE
1	2	104-233-1	Crawler - Hyd. Block Manifold - CX-75
2	8	104-455	Hyd. Adaptor - Straight - #4 MORS x #8 MOR (FS6400-04-08)
3	4	104-807	Hyd. Adapter - Straight - #6 MORS x #10 MOR (FS6400-06-10)
4	4	103-144	Bolt - Hex Head - 0.3125" x 0.75" - GR5
5	4	101-020	Washer - Flat - 0.3125"

NUHN15000007432

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 11 of 60

High Pressure Filter Bracket | 1000-209-02





DETAIL A

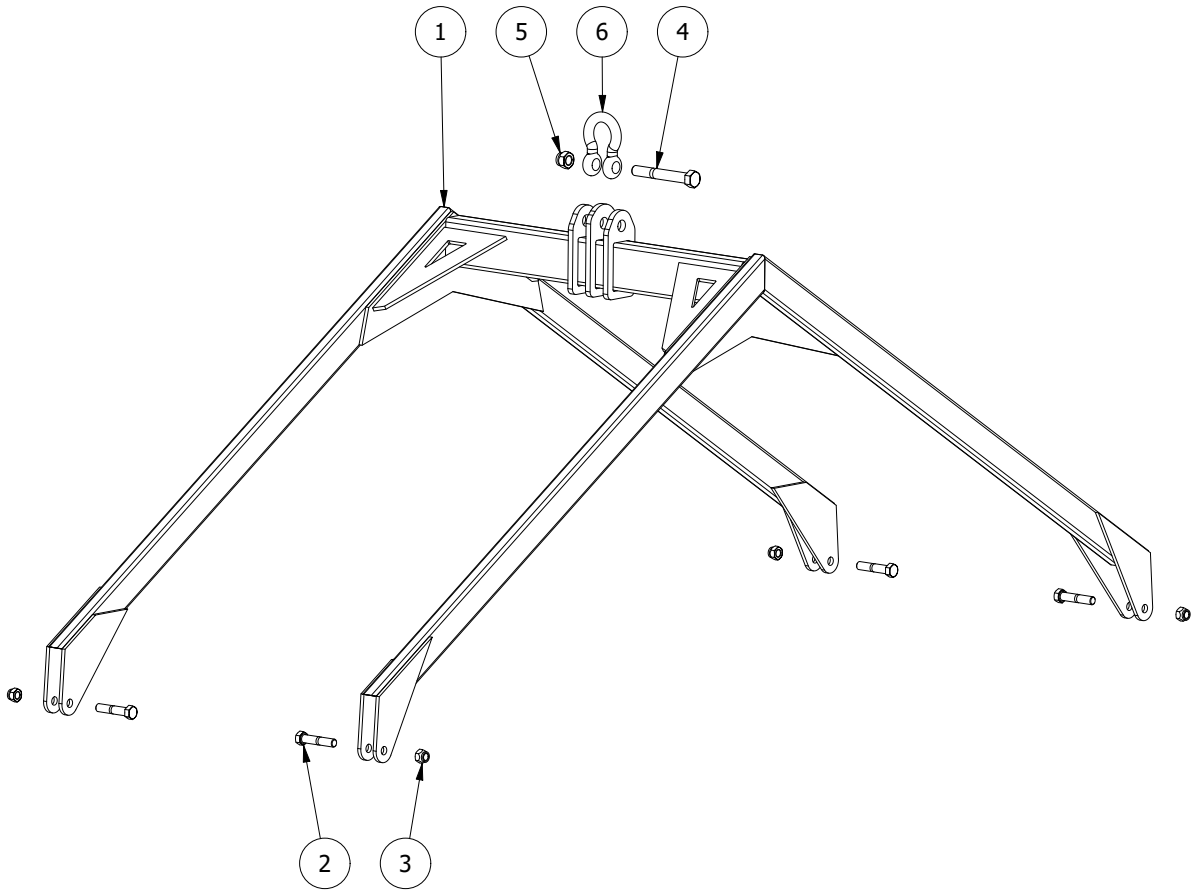
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	2	104-002-1	High Pressure Filter Assembly (with Filter Cartridge)
2	2	104-258-1	High Pressure Filter - Replacement Cartridge (Ikron) Casappa
3	2	106-332	High Pressure Filter - Seal Kit
4	2	104-520	High Pressure Filter Indicator
5	2	104-449	Hyd. Adapter - 45° Elbow - #12 MORS x #12 MOR (6802-12-12)
6	2	104-814	Hyd. Adaptor - 90° Elbow - #12 MORS x #12 MOR (6801-12-12)
7	6	103-599	Bolt - Hex Head - 0.375" x 1" - GR8
8	6	101-020	Washer - Flat - 0.3125"

NUHN15000007433

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 12 of 60

Crawler Lifting Bar Assembly | 1000-209-02

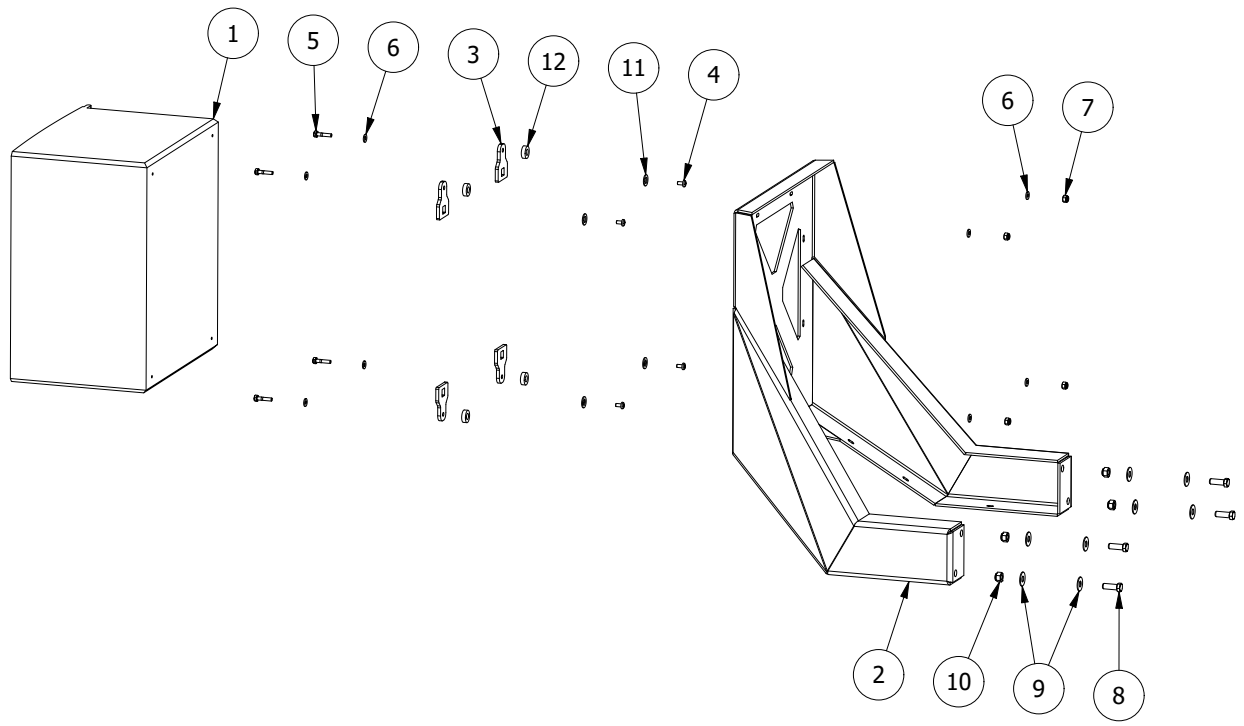


Note:
Added Feature
Does not come Standard

PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	104-558	Crawler Lift Bar
2	4	107-708	Bolt - Hex Head - 1" x 5" - GR8
3	4	100-907	Nut - Nylock - 1" - GR2
4	1	102-605	Bolt - Hex Head - 1.25 x 9" - GR8
5	1	102-328	Nut - Nylock - 1.25" - GR8
6	1	106-984	Clevis Anchor - 1.25"

NUHN15000007434

Charge Box Mounting Bracket | 1000-209-02



PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	109-291	Charging Box - Electrical Control-Box Only (Power Panel)
2	1	110-497	Charging Box Weldment
3	4	109-361-1	Charging Box Mounting Bracket
4	4	109-432	Bolt - Cross Head - 0.25" x 0.5" - GR5
5	4	103-125	Bolt - Hex Head - 0.25" x 1.25" - GR5
6	8	101-019	Washer - Flat - 0.25"
7	4	102-521	Nut - Nylock - 0.25" - GR2
8	4	100-909	Bolt - Hex Head - 0.4375" x 1.25" - GR5
9	8	100-897	Washer - Flat - 0.4375"
10	4	100-903	Nut - Nylock - 0.4375" - GR2
11	4	106-611	Washer - Flat - M12
12	4	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk

Crawler Remote and Chargers | 1000-209-02

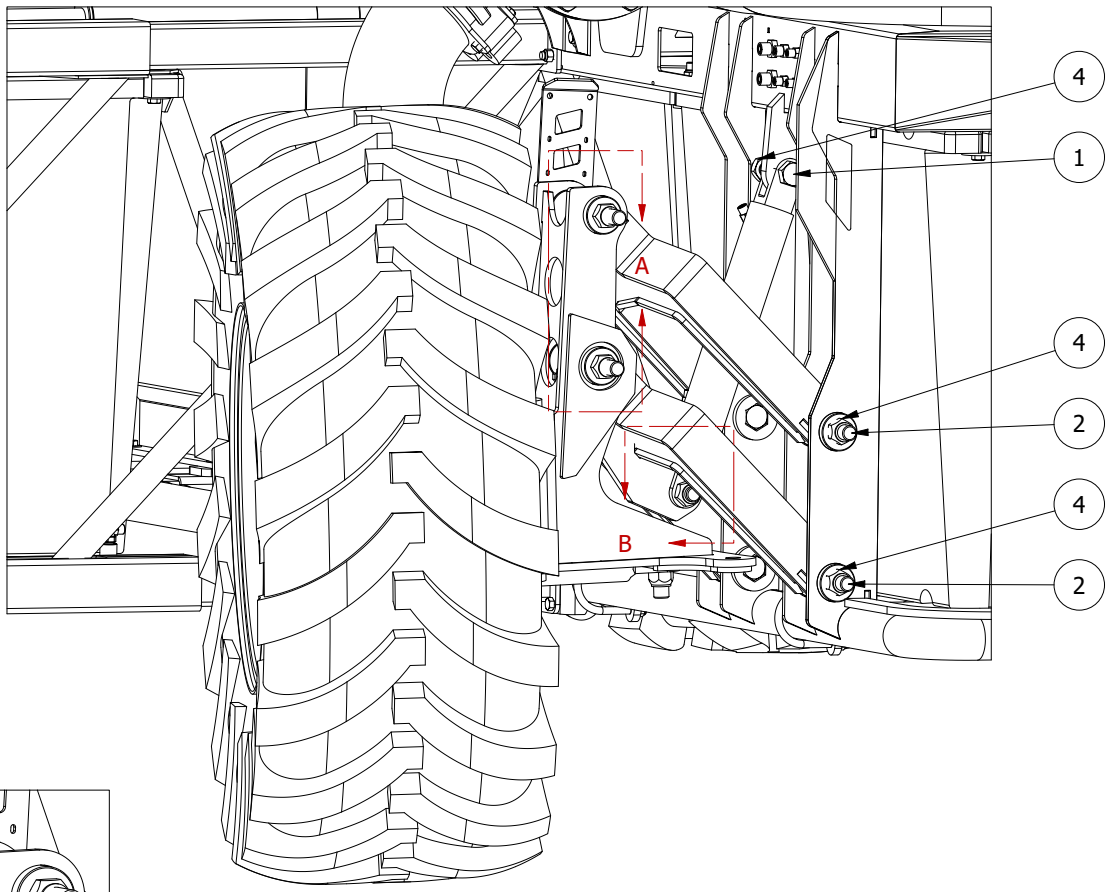


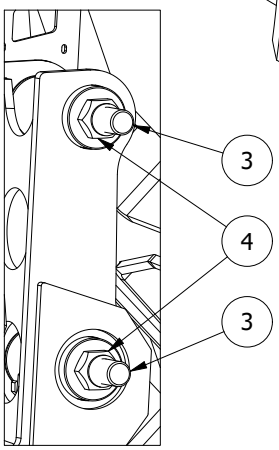
PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	109-212	Crawler - Radio Remote - Transmitter Only - No ID Key
2	1	110-561	Crawler - CRD Receiver Only - No ID Key
3	1	109-213	Crawler - Radio ID Key Set (TX and RX)
4	1	109-161	Crawler - Battery - LPM04-Li-ION
5	1	110-747	Crawler - Car Style Battery Charger Cable Only - DC Adapter
6	1	109-151	Crawler - Battery Charger and Car Style Cable - Combo
7	1	109-150	Crawler - Battery Charger and Wall Style Cable - Combo

NUHN15000007436

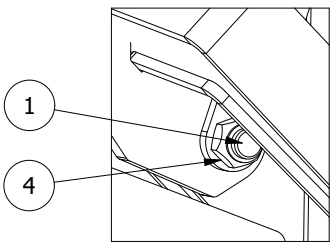
A-Arm Mounted to Frame

1000-209-02





DETAIL A

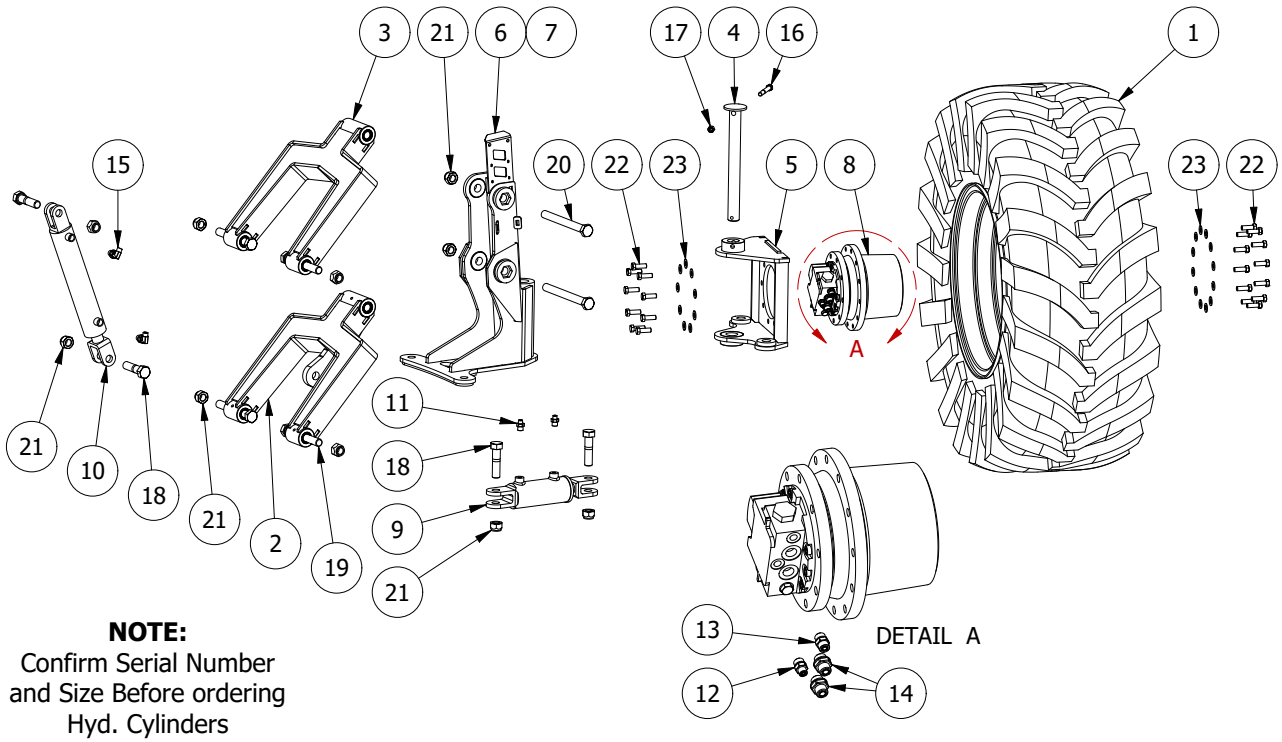


DETAIL B

PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	2	100-467	Bolt - Hex Head - 1" x 4" - GR5
2	4	104-008	Bolt - Hex Head - 1" x 7.5" - GR8
3	2	104-161	Bolt - Hex Head - 1" x 10" - GR8
4	8	100-907	Nut - Nylock - 1" - GR2

Wheel and A-Arm Assembly

1000-209-02



NOTE:
Confirm Serial Number and Size Before ordering Hyd. Cylinders

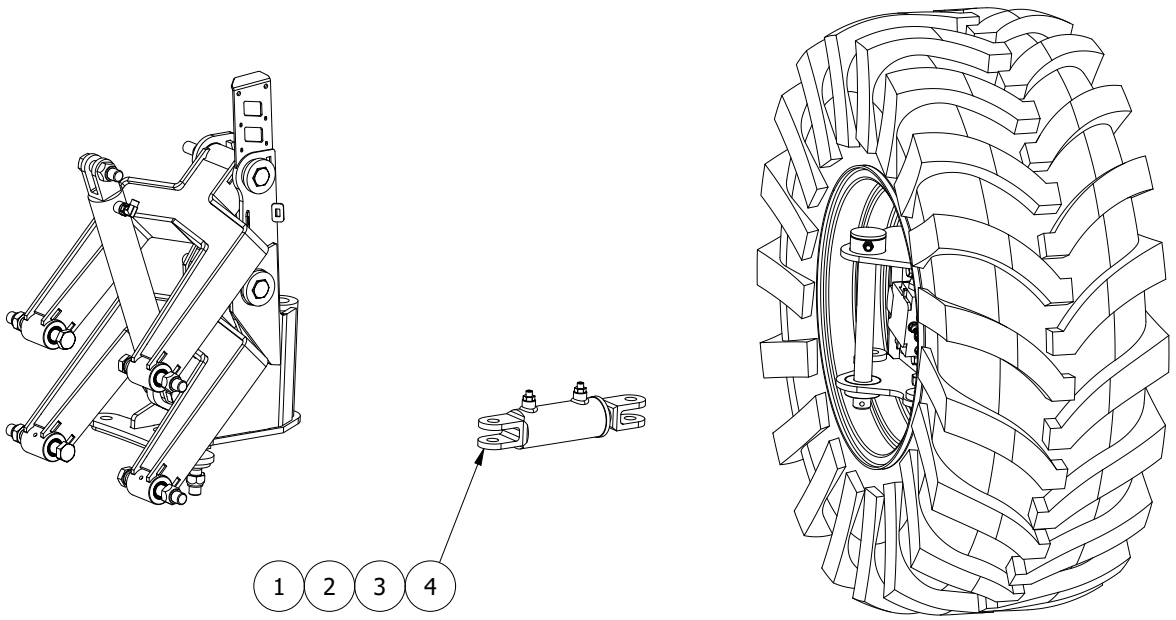
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	100-779-1	Wheel Assembly - 500/70R 24 - Alliance Tire + Nuhn Crawler Rim
2	1	100-778-2	Crawler - A-Arm with Cylinder Mount (Lower) - Heavy Box Style
3	1	100-777-2	Crawler - A-Arm (Upper) - Heavy Box Style
4	1	100-884	A-Arm Pin Assembly
5	1	100-715	Wheel Drive Mounting Bracket
6	1	106-553-1	Wheel Drive Upright Bracket - Back
7	1	100-714-1	Wheel Drive Upright Bracket - Front
8	1	103-929	Wheel Drive Motor - Nachi
9	1	Varies	Hyd. Cylinder - (Crawler Steer) - Varies Based on Crawler Model Number
10	1	103-274	Hyd. Cylinder - Welded - 3" x 12" - Clevis - Parallel Ports (Crawler Lift)
11	2	104-455	Hyd. Adaptor - Straight - #4 MORS x #8 MOR (FS6400-04-08)
12	1	104-649	Hyd. Adaptor - Straight - #6 MORS x #4 MBSPP (6002-06-04)
13	1	104-927	Hyd. Adaptor - Straight - #6 MORS x #6 MBSPP (FS6002-06-06)
14	2	104-926	Hyd. Adaptor - Straight - #8 MORS x #8 MBSPP (6002-08-08)
15	2	104-804	Hyd. Adaptor - 90° Elbow - #6 MORS x #8 MOR (FS6801-06-08)
16	1	104-321	Bolt - Hex Head - 0.5" x 3.75" - GR5
17	1	100-904	Nut - Nylock - 0.5" - GR2
18	4	100-467	Bolt - Hex Head - 1" x 4" - GR5
19	4	104-008	Bolt - Hex Head - 1" x 7.5" - GR8
20	2	104-161	Bolt - Hex Head - 1" x 10" - GR8
21	10	100-907	Nut - Nylock - 1" - GR2
22	21	100-925	Bolt - Hex Head - M14 x 40 - 8.8
23	21	104-005	Washer - Flat - 0.5625" - GR8

NUHN15000007438

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 17 of 60

Hydraulic Steering Cylinder Options | 1000-209-02



Note:
Confirm Crawler Serial Number
and Hyd. Cylinder Size Before ordering

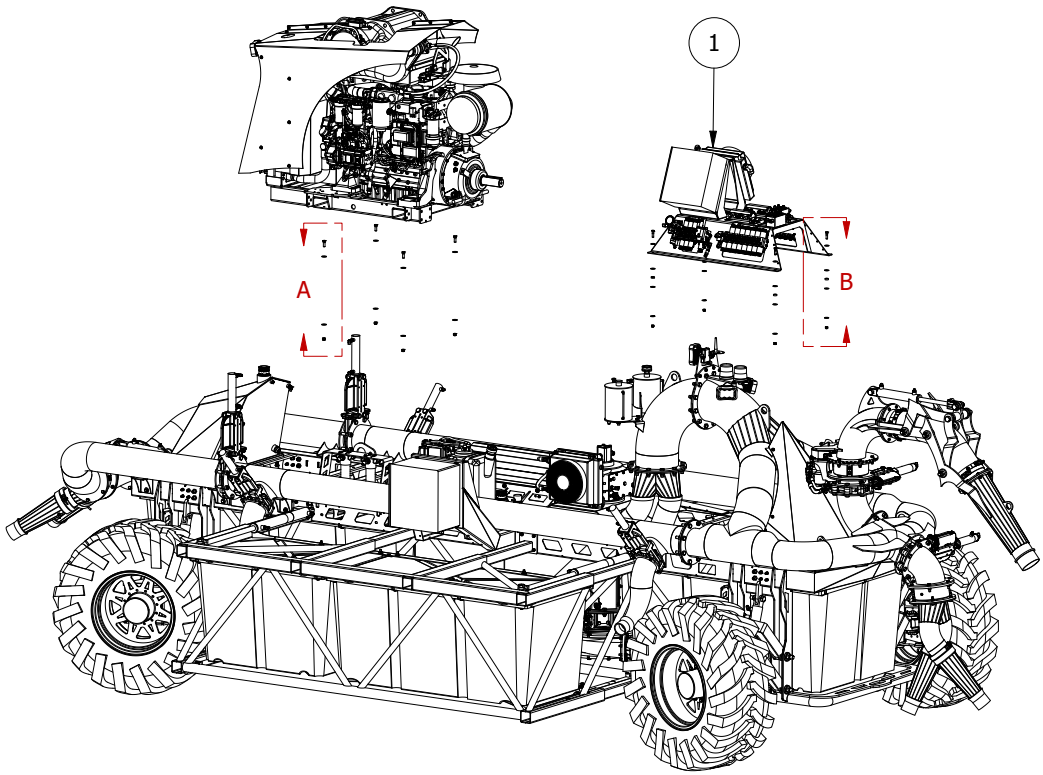
PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	100-895	Hyd. Cylinder - Welded - 2.5" x 4" - Clevis - 90° Ports - 1.25" Bore
2	1	108-745	Hyd. Cylinder - Welded - 3" x 4" - Clevis - Parallel Ports
3	1	110-573	Hyd. Cylinder - Welded - 2.5" x 4" - Clevis - Parallel Ports - 1.5" Bore
4	1	110-347	Hyd. Cylinder - Welded - 3" x 4" - Clevis - Parallel Ports - Rephasing

NUHN15000007439

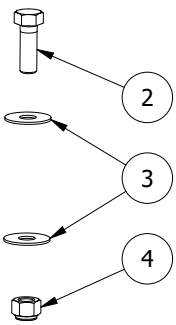
Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 18 of 60

Engine and Dog House Fasteners

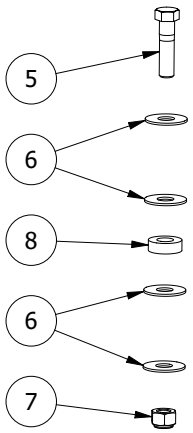
1000-209-02



DETAIL A



DETAIL B



PARTS LIST

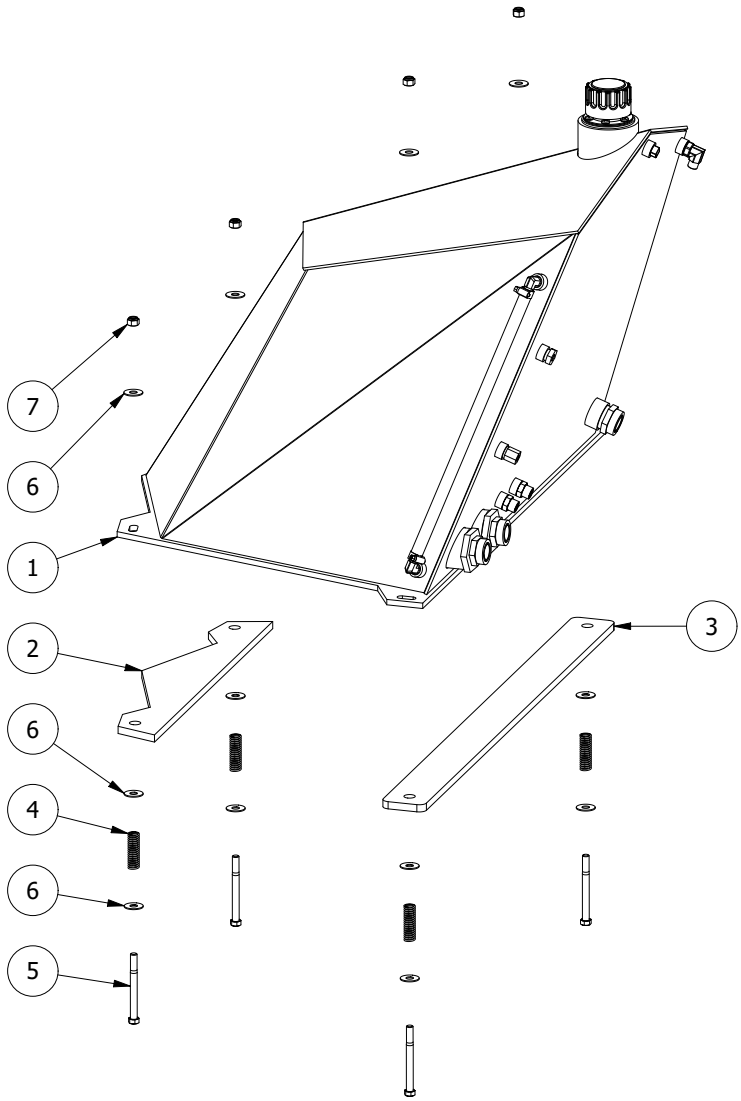
ITEM	QTY	PART NUMBER	TITLE
1	1	110-058	Dog House Assembly
2	4	108-664	Bolt - Hex Head - 0.5" x 1.5" - GR8
3	8	108-644	Washer - Flat - 0.5" - GR8
4	4	108-647	Nut - Nylock - 0.5" - GR8
5	4	100-911	Bolt - Hex Head - 0.4375" x 1.75" - GR5
6	16	100-897	Washer - Flat - 0.4375" x 1.25" OD
7	4	100-903	Nut - Nylock - 0.4375" - GR2
8	4	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk

NUHN15000007440

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 19 of 60

Oil Tank Fasteners Assembly

1000-209-02

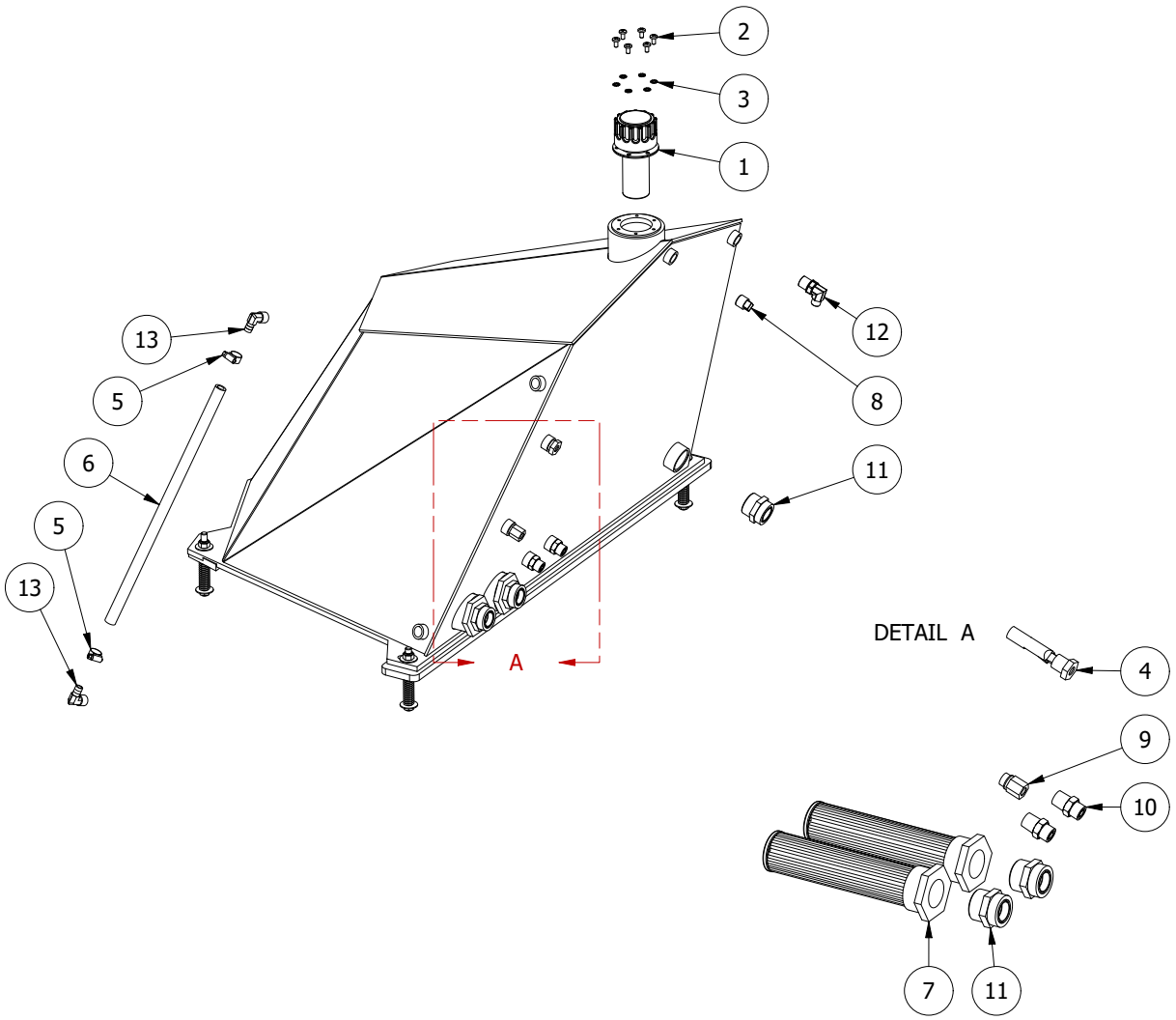


PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	110-195	Oil Tank Weldment
2	1	106-642	Oil Tank - Rear Rubber Mat - 25" x 5" x 0.5"
3	1	106-641	Oil Tank - Front Rubber Mat - 40.5" x 3" x 0.5"
4	4	104-214	Compression Spring - #40 - 0.75" OD x 3.5"
5	4	101-192	Bolt - Hex Head - 0.4375" x 4.5" - GR5
6	12	100-897	Washer - Flat - 0.4375" x 1.25" OD
7	4	100-903	Nut - Nylock - 0.4375" - GR2

NUHN15000007441

Oil Tank Hydraulic Assembly | 1000-209-02



PARTS LIST

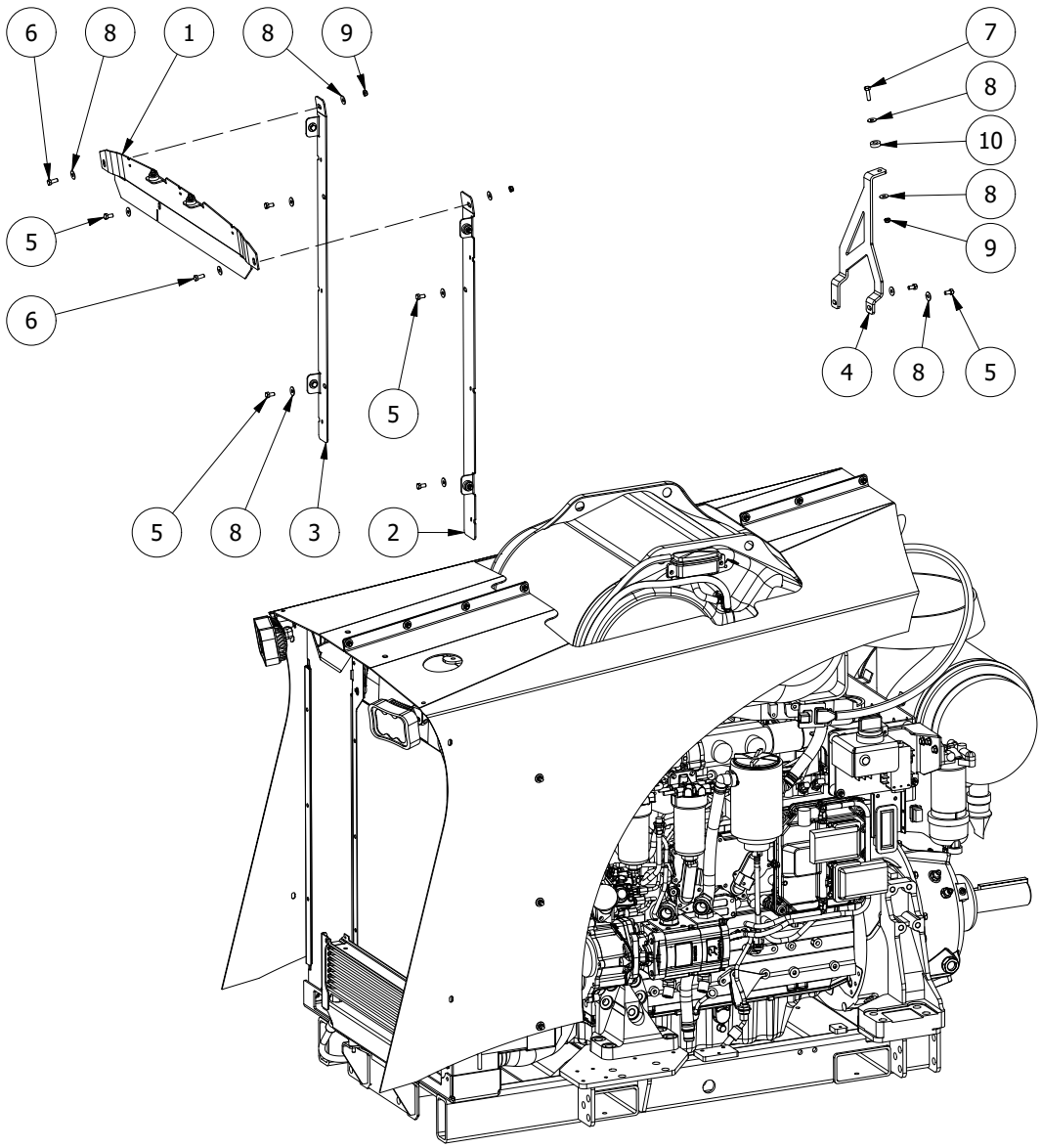
ITEM	QTY	PART NUMBER	TITLE
1	1	103-977	Fuel/Oil Cap - Filler Breather
2	6	104-320	Bolt - Round Head - Slotted Square - 0.25" x 0.5" - GR5
3	6	104-006	Washer - Lock Tooth - 0.25"
4	1	103-976	Fuel/Oil Level Switch - Sensor Only
5	2	104-370	Clamp - Gear - #8 SS - 0.44" to 1" - 0.5625" Wide
6	1	102-752 x 20"	Hose - Water - 0.5" PVC - Steel Wire Reinforcement
7	2	104-139	Suction Strainer - #32 MP x #20 FP
8	1	101-805	Hyd. Fitting - Plug - #8 MP - Square (5406 HP-08)
9	1	107-821	Hyd. Adaptor - Straight - #6 MP x #4 FBSPP (9023-06-04)
10	2	104-831	Hyd. Adaptor - Straight - #8 MORS x # 8 MP (FS2404-0808)
11	3	106-761	Hyd. Adaptor - Straight - #20 MORS x #20 MP (FS2404-2020)
12	1	104-708	Hyd. Adaptor - 90° Elbow - #6 MORS x #8 MP (FF2501-0608)
13	2	104-470	Hyd. Adaptor - 90° Elbow - #8 Barb x #8 MP - Brass (D139-8D)

NUHN15000007442

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 21 of 60

Engine Seal Plates and Brace Assembly

1000-209-02



PARTS LIST

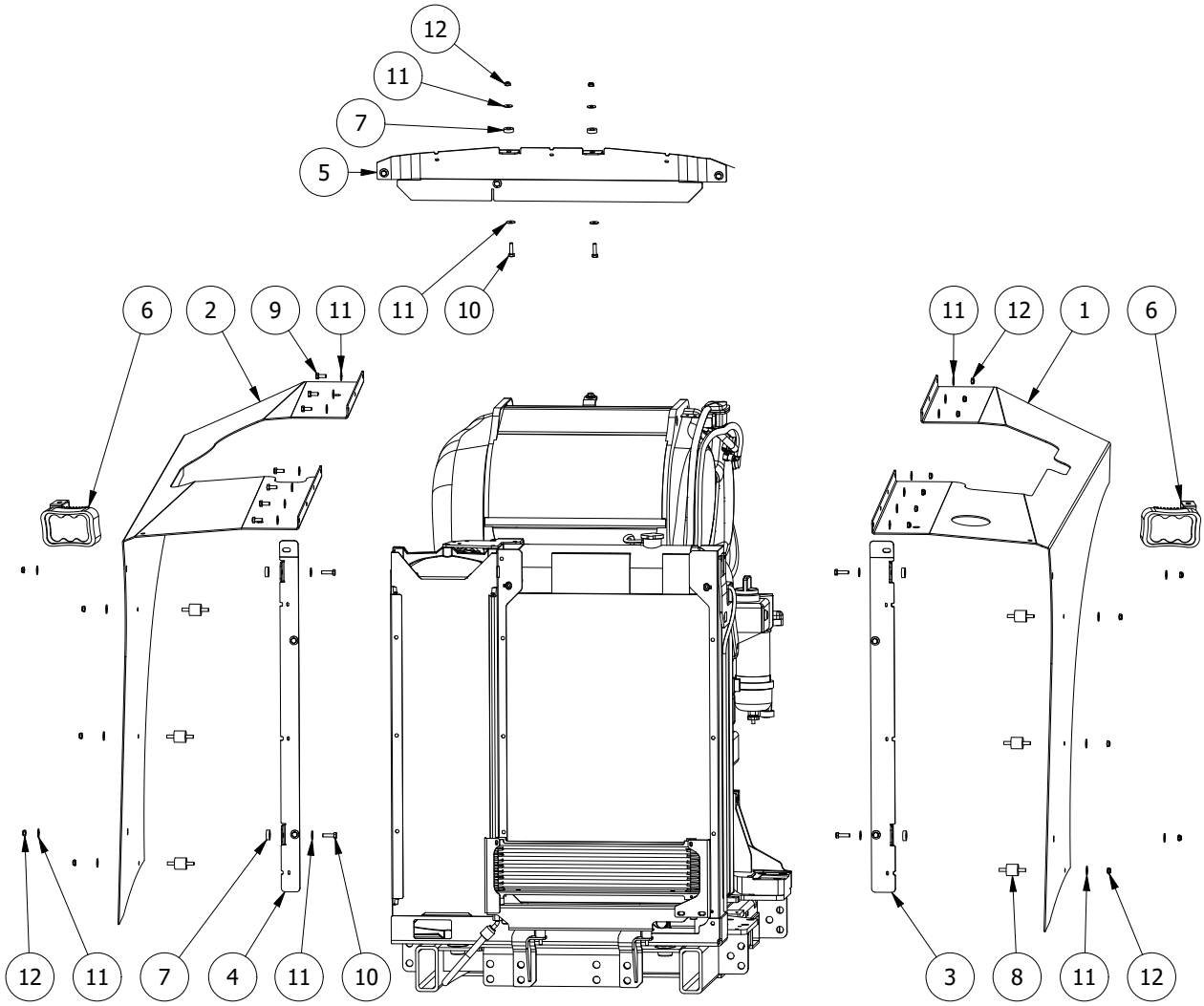
ITEM	QTY	PART NUMBER	TITLE
1	1	106-837	Radiator Seal Plate - Top - Tier 4
2	1	106-836	Engine Hood Stabilizer Tab - Right - Tier 4
3	1	106-835	Engine Hood Stabilizer Tab - Left - Tier 4
4	1	106-914	Rear Hood Brace
5	7	106-328	Bolt - Hex Head - M8 x 16 - 8.8
6	2	104-103	Bolt - Hex Head - M8 x 20 - 8.8
7	1	106-915	Bolt - Hex Head - M8 x 30 - 8.8
8	13	101-020	Washer - Flat - 0.3125"
9	3	106-432	Nut - Nylock - M8
10	1	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk

NUHN15000007443

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 22 of 60

Engine Hood Assembly

1000-209-02

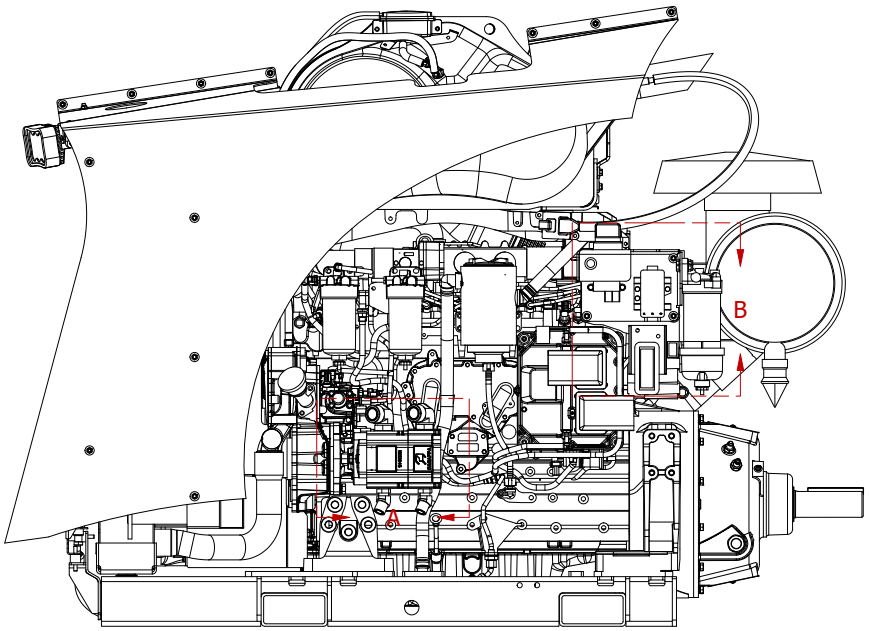


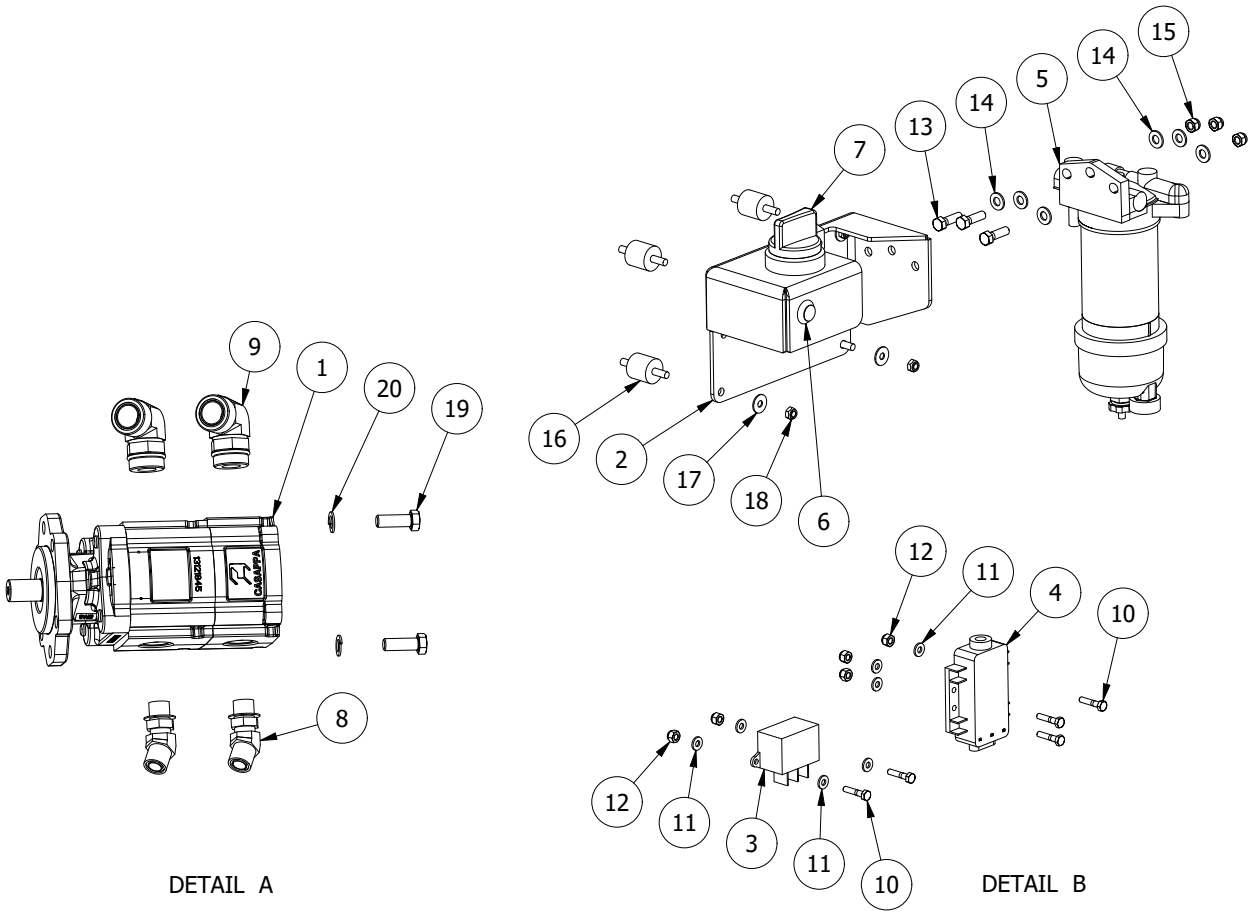
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	106-546	Engine Hood - Right - Tier 4
2	1	106-545	Engine Hood - Left - Tier 4
3	1	106-836	Engine Hood Stabilizer Tab - Right - Tier 4
4	1	106-835	Engine Hood Stabilizer Tab - Left - Tier 4
5	1	106-837	Radiator Seal Plate - Top - Tier 4
6	2	106-557-1	Work Light - Rectangular LED - 3200lm - with Bracket Kit
7	6	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk
8	6	106-453	Rubber Hood Insulator - M8 x 1.25
9	7	104-103	Bolt - Hex Head - M8 x 20 - 8.8
10	6	106-915	Bolt - Hex Head - M8 x 30 - 8.8
11	32	101-020	Washer - Flat - 0.3125"
12	19	106-432	Nut - Nylock - M8

NUHN15000007444

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 23 of 60





NUHN15000007445

Engine Assembly - Replacement Features

1000-209-02

PARTS LIST

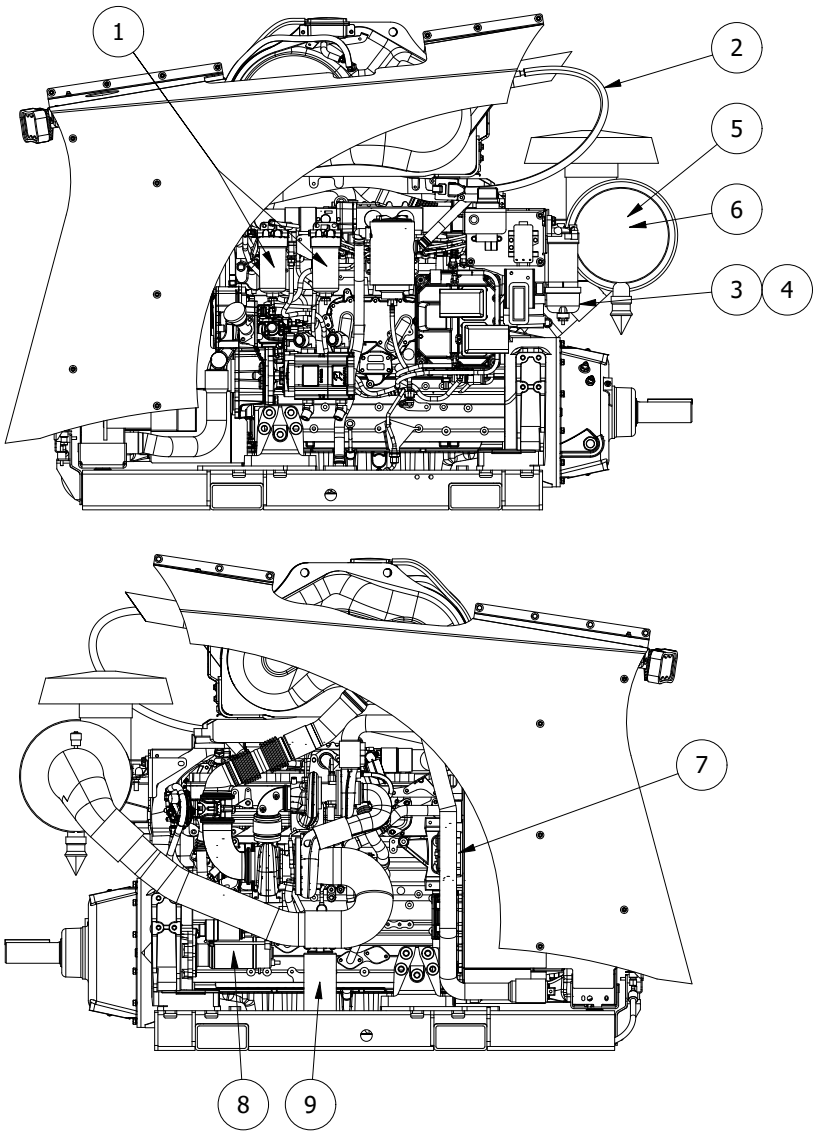
ITEM	QTY	PART NUMBER	TITLE
1	1	110-090	Double Casappa Pump - Splined Shaft - KP30.27
2	1	110-059	CAT Engine - T4 - Fuse Box Mounting Bracket
3	1	106-868	CAT Engine - T4 - 12V Relay
4	1	106-867	CAT Engine - T4 - Fuse Box
5	1	106-636	CAT Engine - T4 - Fuel Water Separator - Filter
6	1	107-609	DEF Purge Light - Grote LED 2 Wire - Red
7	1	100-817	Engine Harness Master Switch
8	2	104-449	Hyd. Adapter - 45° Elbow - #12 MORS x #12 MOR (6802-12-12)
9	2	107-139	Hyd. Adaptor - 90° Elbow - #20 MORS x #20 MOR (6801-20-20)
10	5	103-125	Bolt - Hex Head - 0.25" x 1.25" - GR5
11	7	101-019	Washer - Flat - 0.25"
12	5	102-521	Nut - Nylock - 0.25" - GR2
13	3	101-034	Bolt - Hex Head - 0.375" x 1.25" - GR5
14	6	101-001	Washer - Flat - 0.375"
15	3	100-902	Nut - Nylock - 0.375" - GR2
16	4	106-453	Rubber Hood Insulator - M8 x 1.25
17	4	101-020	Washer - Flat - 0.3125"
18	4	106-432	Nut - Nylock - M8
19	2	110-023	Bolt - Hex Head - M14 x 40 - GR10.9
20	2	107-098	Washer - Lock - M14

NUHN15000007446

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 25 of 60

Engine Assembly - Replacement Features

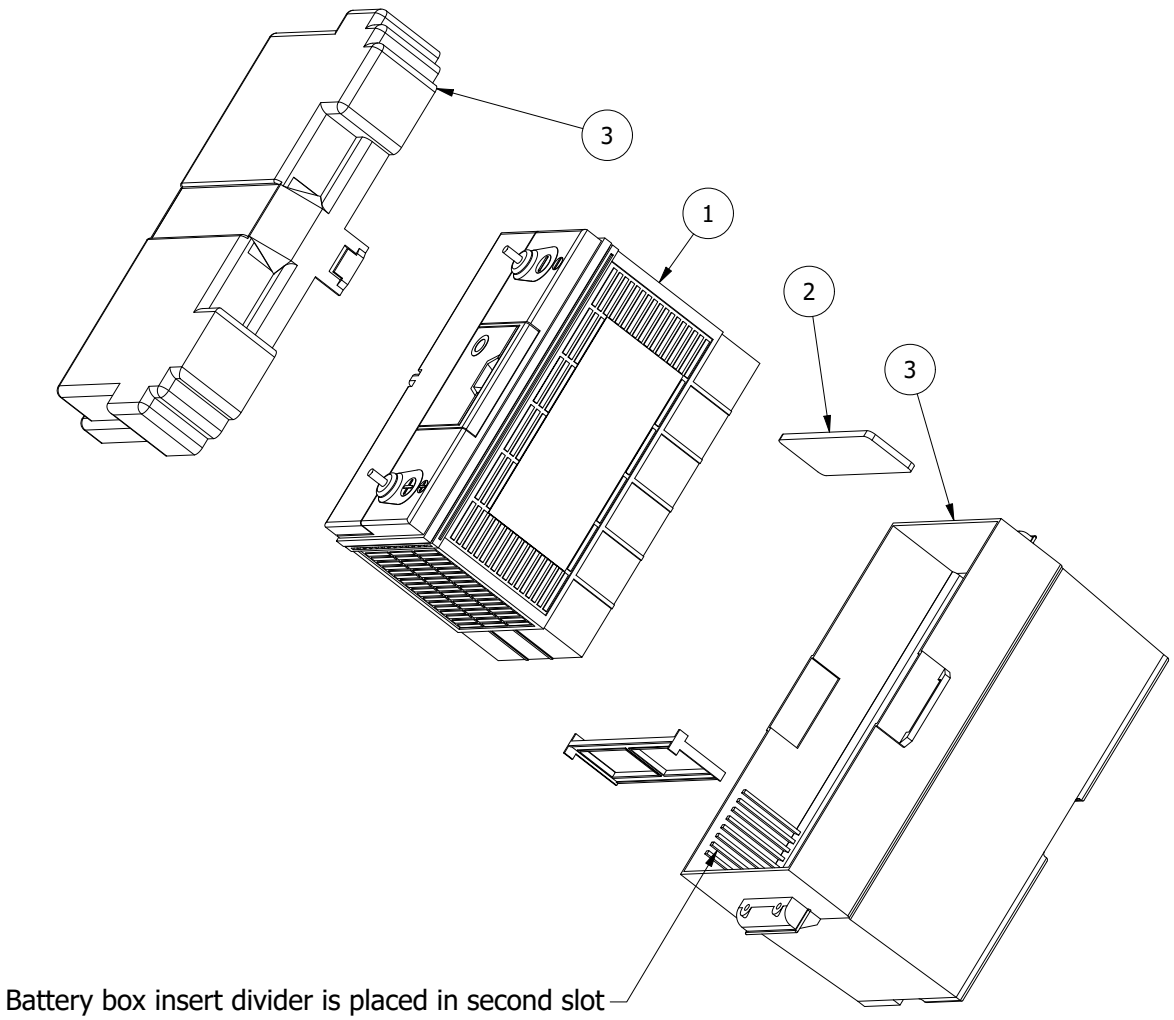
1000-209-02



PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	2	106-633	CAT Engine - T3 - T4 - Secondary Fuel Filter (360-8960) (QTY-T4:2 - QTY-T3:1)
2	1	106-869	CAT Engine - T4 - Nox Sensor
3	1	106-636	CAT Engine - T4 - Primary Fuel Filter (Water Separator) (479-4131)
4	1	106-632	CAT Engine - T3 - Primary Fuel Filter (Water Separator) (439-5037)
5	1	106-634	CAT Engine - T4 - Primary Engine Air Filter (130-4678)
6	1	106-639	CAT Engine - T4 - Secondary Engine Air Filter (130-4679)
7	1	106-866	CAT Engine - T4 - Alternator - (20R-3598)
8	1	106-865	CAT Engine - T4 - Starter
9	1	106-631	CAT Engine - T3 - T4 - Engine Oil Filter - (462-1171)

NUHN15000007447

Battery Box Assembly | 104-522 | 1000-209-02



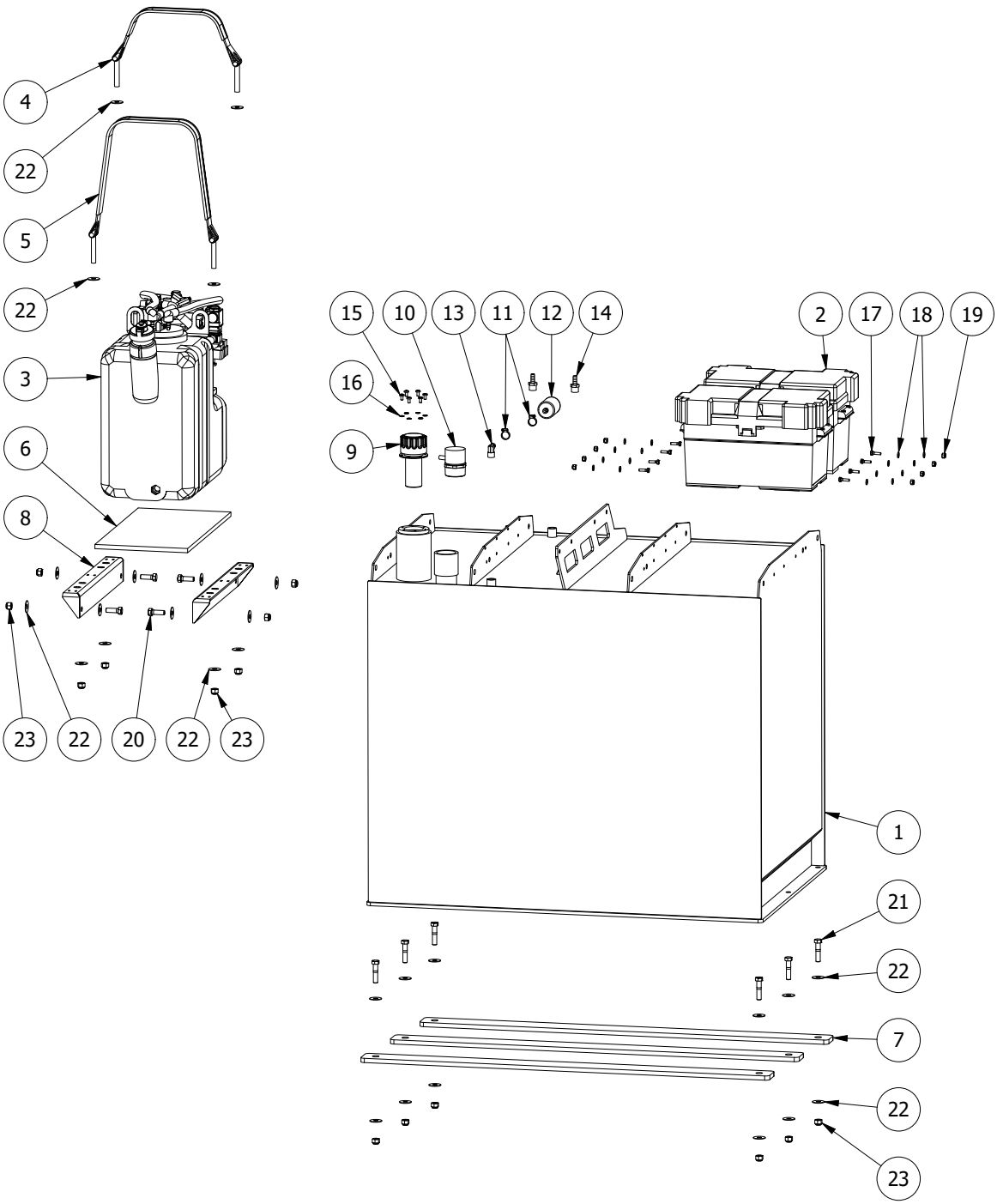
PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	104-201	Crawler - Battery - Magnacharge 31-1125S
2	1	104-530	Crawler - Battery Box Gasket Spacer 7" x 2.25"
3	1	104-203	Battery Box - Adjustable

NUHN15000007448

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 27 of 60

Fuel Tank Assembly

1000-209-02

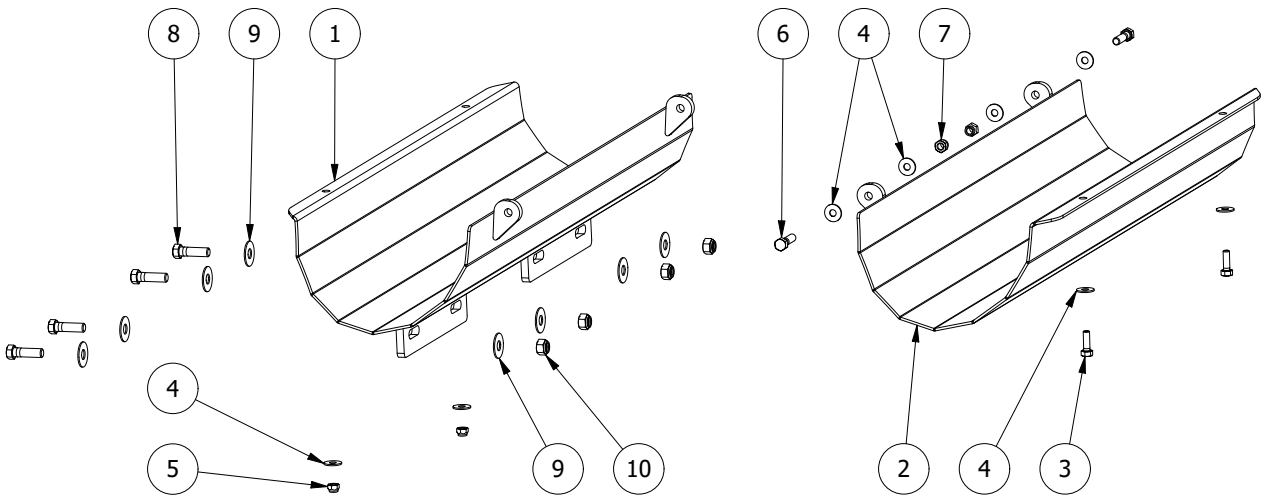


Fuel Tank Assembly — 1000-209-02

PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	110-505	Fuel Tank - Weldment - 2021 Model
2	2	104-522	Battery Box Assembly
3	1	106-912	CAT Engine - DEF Tank
4	1	106-810	DEF Tank Strap - Short
5	1	106-809	DEF Tank Strap - Long
6	1	106-913	DEF Tank Rubber Mat - 22" x 11" x 0.5"
7	3	106-640	Fuel Tank Rubber Mat - 48.5" x 3" x 0.5"
8	2	106-910	Mounting Bracket for T Bolt Strap for DEF Tank
9	1	103-977	Fuel Cap - Filler Breather
10	1	108-034	Sensor - Fluid Level - Ultrasonic
11	2	104-764	Clamp - Gear - #10 - 0.5" to 1.06" Stainless
12	1	106-637	CAT Engine - T4 ONLY - Inline Fuel Filter - 0.5" Barb x 0.375" Barb (525-6205)
13	1	104-470	Hyd. Adaptor - 90° Elbow - #8 Barb x #8 MP - Brass (D139-8D)
14	2	101-815	Hyd. Adaptor - Straight - #6 Barb to #8 MP - Brass
15	6	104-320	Bolt - Cross Head - 0.25" x 0.5" - GR5
16	6	104-006	Washer - Lock Tooth - 0.25"
17	8	101-058	Bolt - Hex Head - 0.25" x 1" - GR5
18	16	101-019	Washer - Flat - 0.25"
19	8	102-521	Nut - Nylock - 0.25" - GR2
20	4	100-914	Bolt - Hex Head - 0.5" x 1.5" - GR5
21	6	104-319	Bolt - Hex Head - 0.5" x 2.25" - GR5
22	28	100-898	Washer - Flat - 0.5"
23	14	100-904	Nut - Nylock - 0.5" - GR2

Lagoon Crawler - PTO Shield | 100-788 | 1000-209-02

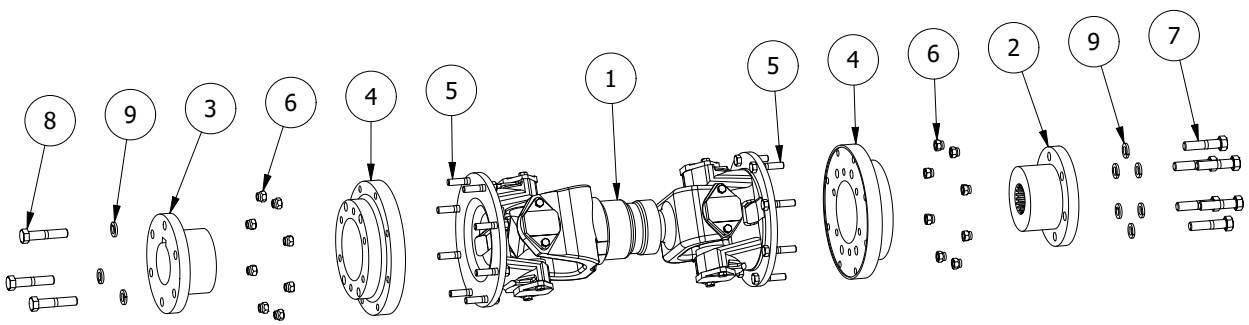


PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	104-581	Crawler - PTO Shield - Bottom Cover
2	1	104-580	Crawler - PTO Shield - Top Cover
3	2	101-026	Bolt - Hex Head - 0.3125" x 1" - GR5
4	8	101-020	Washer - Flat - 0.3125"
5	2	101-189	Nut - Nylock - 0.3125" - GR2
6	2	101-035	Bolt - Hex Head - 0.375" x 1.5" - GR5
7	2	100-902	Nut - Nylock - 0.375" - GR2
8	4	100-910	Bolt - Hex Head - 0.4375" x 1.5" - GR5
9	8	100-897	Washer - Flat - 0.4375" x 1.25" OD
10	4	100-903	Nut - Nylock - 0.4375" - GR2

NUHN15000007451

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 30 of 60

Crawler - Drive Line Assembly | 1000-209-02



PARTS LIST

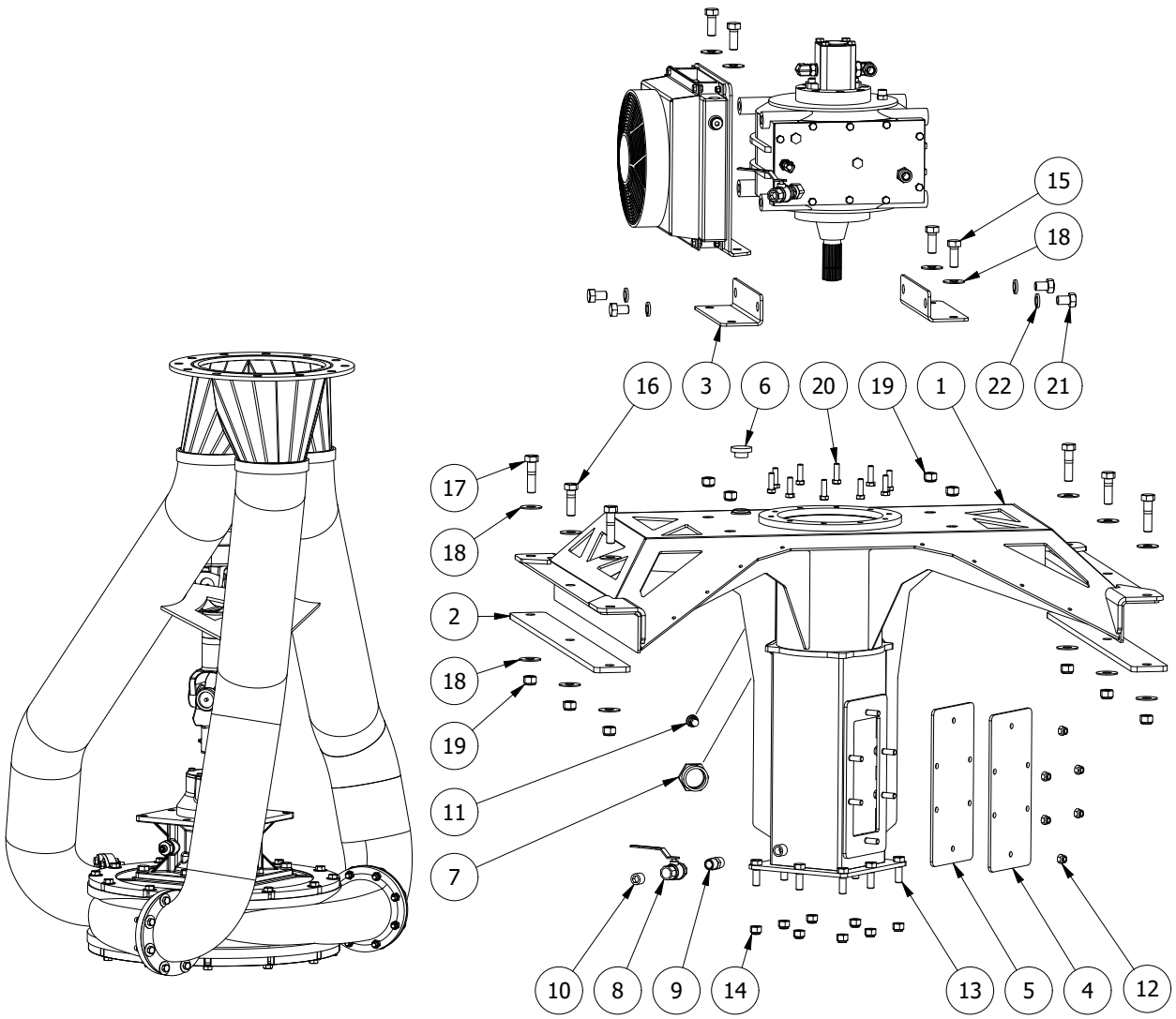
ITEM	QTY	PART NUMBER	TITLE
1	1	100-729	Horizontal Drive Shaft Assembly - 1710 Series
2	1	104-680	Crawler - Taper Lock Bushing - Spline (Gear Box)
3	1	104-681	Crawler - Taper Lock Bushing - Keyway (Engine)
4	2	104-682	Crawler - E Taper Lock Female to 1710
5	16	100-908	Bolt - Hex Head - 0.375" x 1.75" - GR5
6	16	100-902	Nut - Nylock - 0.375" - GR2
7	6	104-319	Bolt - Hex Head - 0.5" x 2.25" - GR5
8	3	106-876	Bolt - Hex Head - 0.5" x 2.75" - GR8 - Black Oxide
9	9	100-900	Washer - Lock - 0.5" - Medium Split

NUHN15000007452

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 31 of 60

Pump Module - Fasteners

1000-209-02



Pump Module - Fasteners

1000-209-02

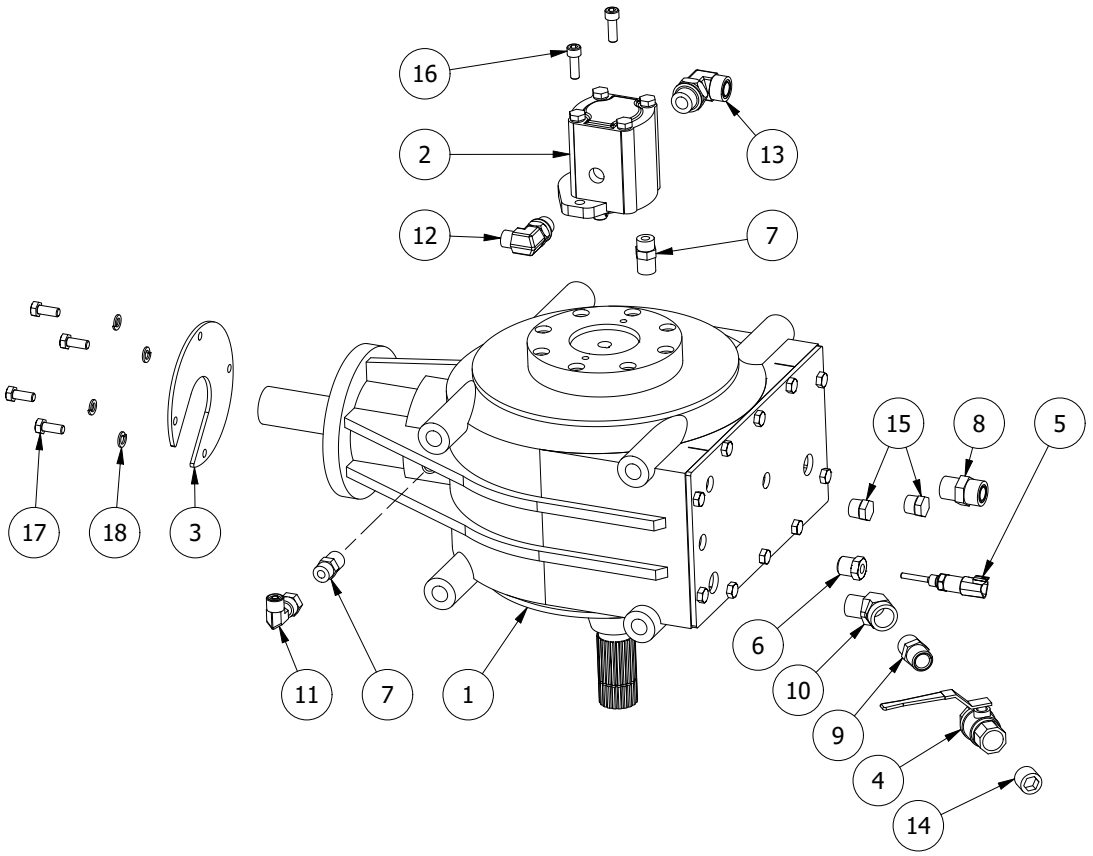
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	110-601	2021 Crawler - Pump Frame
2	2	109-918-1	2021 Lagoon Crawler Pump Tower - Rubber Isolator Strips
3	2	106-528	Gearbox Brace - Angle Iron
4	1	104-527	Clean-Out Door - 15" x 7" x 0.25" - 6 Hole - No Sight Glass
5	1	102-651	Gasket - Clean-Out Door - 14" x 6.75" x 0.25" - 6 Hole - Solid
6	1	103-489	Vacuum Pump - Flush Port Cap
7	1	101-449	Sight Glass - 2" MP - Complete
8	1	102-166	Ball Valve - Brass - 0.75"
9	1	101-536	Hyd. Adaptor - Straight - #12 MP x #12 MP (5404-12-12)
10	1	106-924	Hyd. Fitting - Plug - #12 MP (6406-SHP-08)
11	1	103-809	Hyd. Fitting - Plug - Hooded Breather - #6 MP (313650)
12	6	100-904	Nut - Nylock - 0.5" - GR2
13	8	101-059	Bolt - Hex Head - 0.625" x 2" - GR5
14	8	100-905	Nut - Nylock - 0.625" - GR2
15	4	101-206	Bolt - Hex Head - 0.75" x 2" - GR5
16	2	101-207	Bolt - Hex Head - 0.75" x 2.5" - GR5
17	4	101-208	Bolt - Hex Head - 0.75" x 3" - GR5
18	16	101-202	Washer - Flat - 0.75"
19	10	101-201	Nut - Nylock - 0.75" - GR2
20	10	100-924	Bolt - Hex Head - M12 x 40 - 8.8
21	4	104-116	Bolt - Hex Head - M20 x 30 - 8.8
22	4	104-208	Washer - Lock - M20

NUHN15000007454

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 33 of 60

Crawler - Gear Box Assembly | 1000-209-02



PARTS LIST

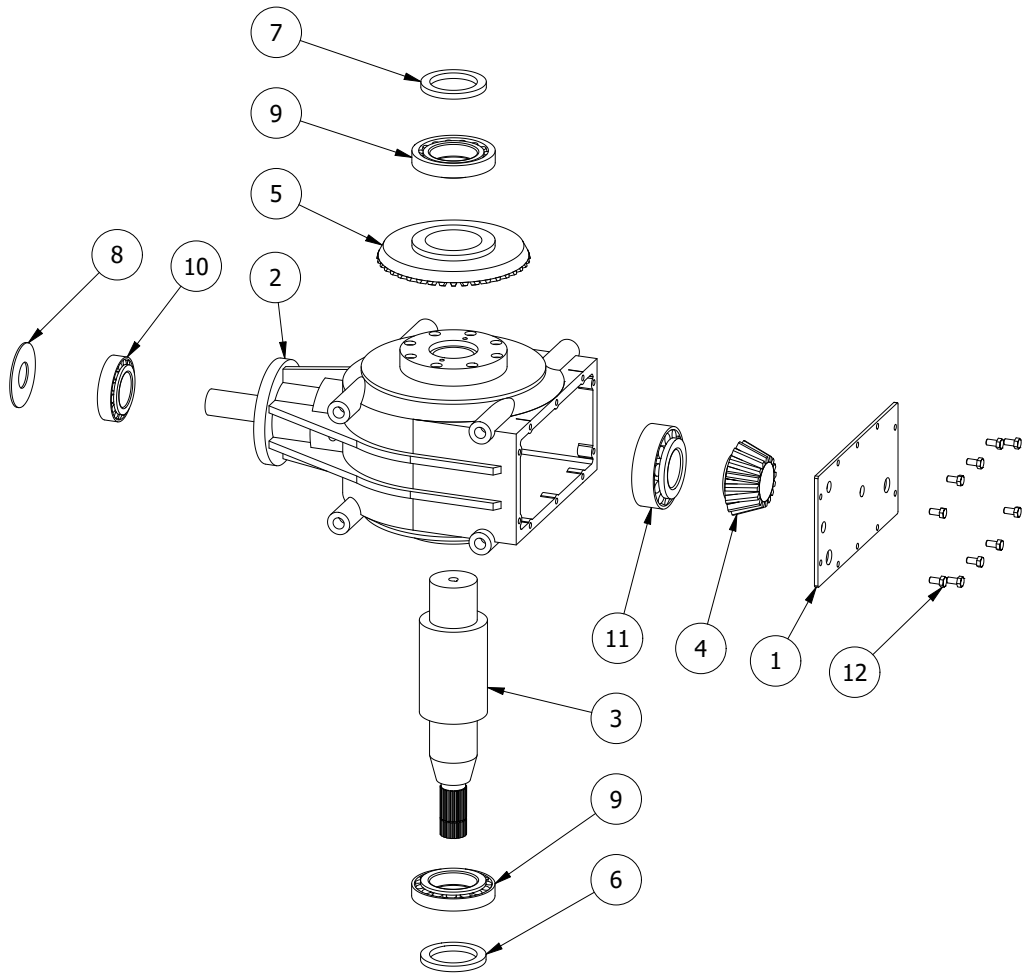
ITEM	QTY	PART NUMBER	TITLE
1	1	100-950-1	Crawler - Gear Box - T-332A - With Pump Pad
2	1	106-097	Crawler - Hydraulic - Pump PLP20.16D
3	1	104-497	Gear Box Seal Guard
4	1	102-166	Ball Valve - Brass - 0.75"
5	1	109-208	Sensor Liquid Temperature - 50 to 150°C - #4 MBSPP - 3 Pin DT
6	1	109-191	Hyd. Adaptor - Straight - #8 MP x #4 FBSPP (9037-0804)
7	2	104-831	Hyd. Adaptor - Straight - #8 MORS x #8 MP (FS2404-08-08)
8	1	104-707	Hyd. Adaptor - Straight - #12 MORS x #12 MP (FS2404-12-12)
9	1	101-536	Hyd. Adaptor - Straight - #12 MP x #12 MP (5404-12-12)
10	1	106-646	Hyd. Adaptor - 45° Elbow - #12 MP x #12 FP (5503-12-12)
11	1	104-825	Hyd. Adapter - 90° Elbow - #8 MORS x #8 FORSX (FS6500-08-08)
12	1	104-810	Hyd. Adaptor - 90° Elbow - #8 MORS x #10 MOR (FS6801-08-10)
13	1	104-814	Hyd. Adaptor - 90° Elbow - #12 MORS x #12 MOR (6801-12-12)
14	1	106-924	Hyd. Fitting - Plug - #12 MP (6406-SHP-08)
15	2	101-805	Hyd. Fitting - Plug - #8 MP Square (5406HP08)
16	2	107-092	Bolt - Socket Head - M10 x 30 - 12.9
17	4	103-377	Bolt - Hex Head - M10 x 30 - 8.8
18	4	105-094	Washer - Lock - M10

NUHN15000007455

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 34 of 60

Crawler - Gear Box - T-332A - With Pump Pad | 100-950-1 | 1000-209-02

Note:
Uses 75/140 Synthetic Oil
8.5 Lts.



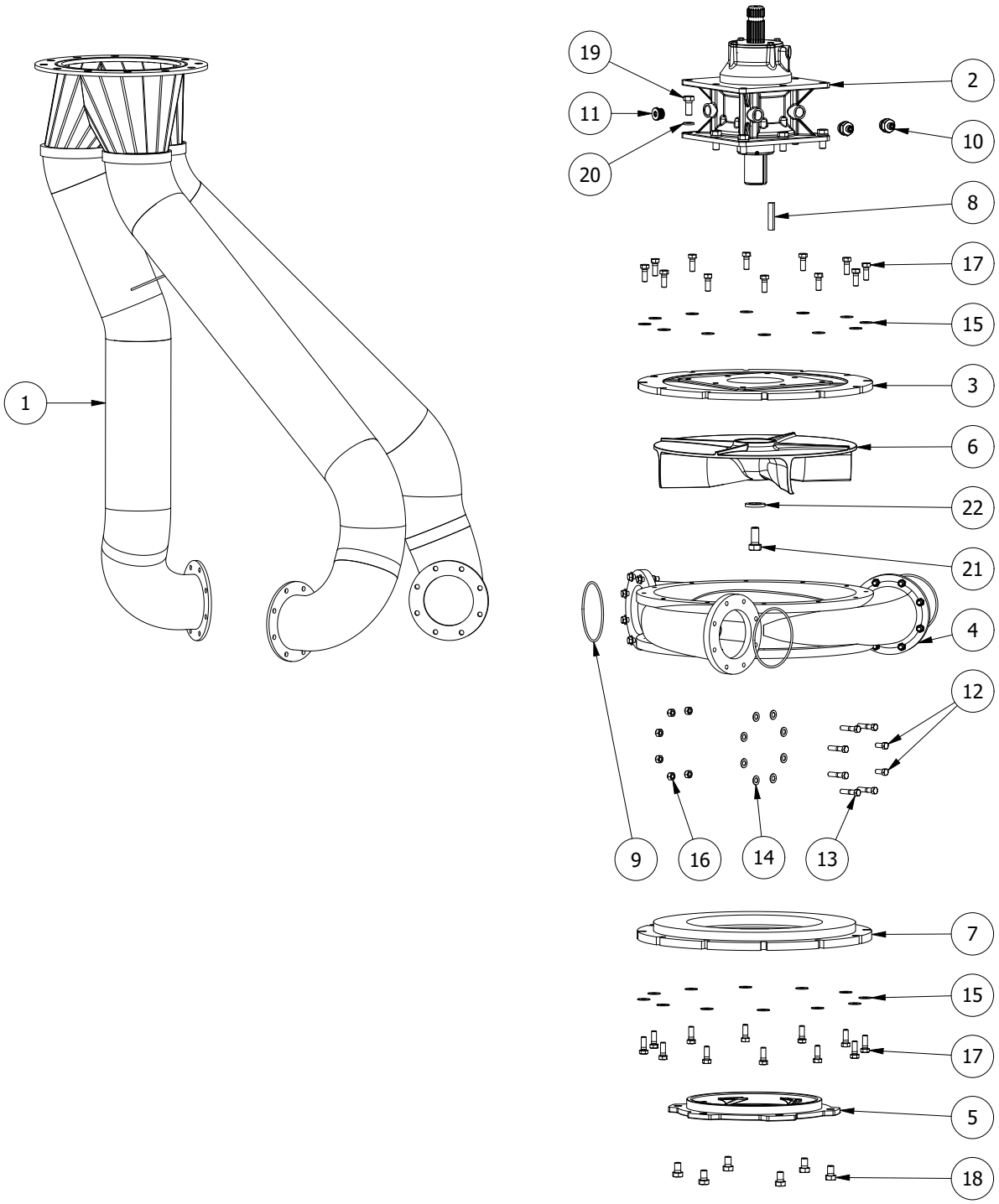
PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	104-517-1	Gear Box T-332A - Cover
2	1	104-515	Gear Box T-332A - Casing
3	1	104-513-1	Gear Box T-332A - Shaft 1"
4	1	104-512	Gear Box T-332A - Pinion Shaft
5	1	104-514	Gear Box T-332A - Crown Wheel Z40 M7.75
6	1	104-754-1	Gear Box T-332A - Double Lip Seal 80-110-10
7	1	109-043	Gear Box T-332A - Lip Seal 70-90-10
8	1	104-260	Gear Box #332 - Oil Seal, 50-110-12-TC
9	2	104-509	Bearing - Tapered Roller - 30216
10	1	104-511	Bearing - Tapered Roller - 32212
11	1	104-510	Bearing - Tapered Roller - 32313
12	10	104-516	Bolt - Hex Head - M10 x 20 - 8.8

NUHN15000007456

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 35 of 60

Lower Pump Module Assembly

1000-209-02



Lower Pump Module Assembly — 1000-209-02

PARTS LIST

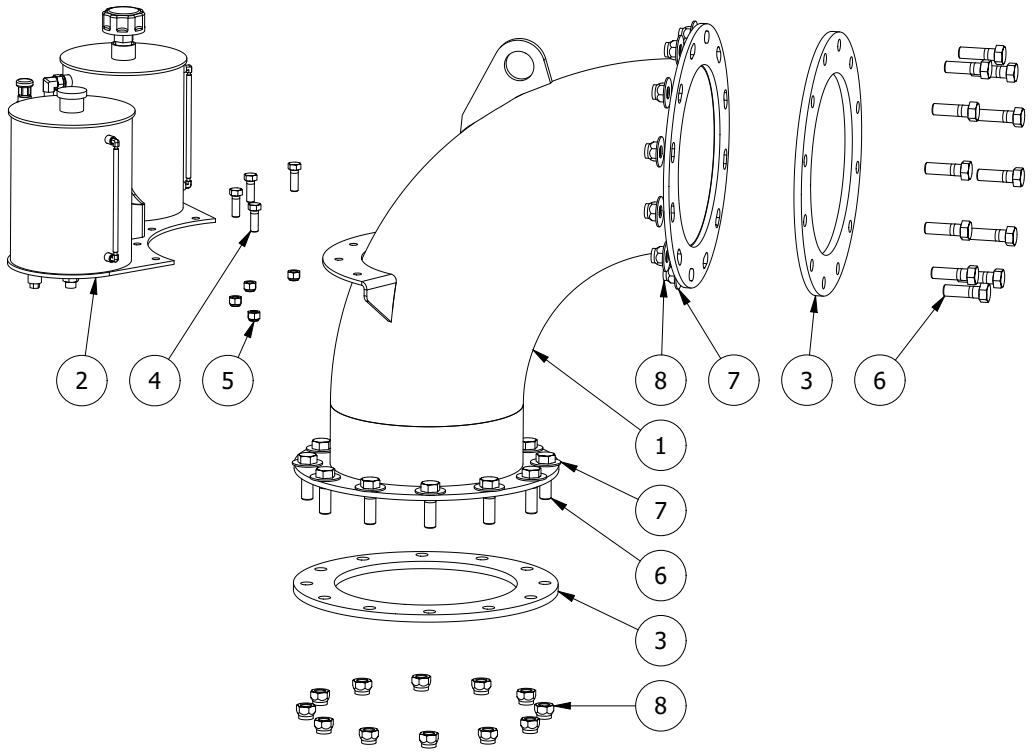
ITEM	QTY	PART NUMBER	TITLE
1	1	106-525	Crawler - 12" Triple Port Header
2	1	100-820-5	Mechanical Seal and Bearing Unit - 2.25" Cast Complete
3	1	105-229	20.5" Triple Port Pump - Top Housing Cover - Finished - 1A
4	1	105-228	20.5" Triple Port Pump - Cast Housing 20.5" - Finished - 1A
5	1	107-550	20.5" Triple Port Pump - 14" Bottom Inlet Chopper - Finished - 2A
6	1	107-548-1	20.5" Triple Port Pump - 20.38" Impeller - Cast - 4 Blade
7	1	106-792	20.5" Triple Port Pump - Cast Inlet Cover - 14" Inlet With Flange - 2A
8	1	102-399 x 2.75	0.5" x 0.5" Keystock
9	3	103-968	O-Ring - #359 DAE Buna - 6.125"OD x 5.75"ID
10	2	109-925	Hyd. Adaptor - Straight - #12 MBSPP x 6 MORS
11	1	106-695	Hyd. Fitting - Drain Plug - #12MBSPP - 12mm Hex Key
12	6	109-940	Bolt - Hex Head - 0.4375" x 1" - GR8
13	18	109-921	Bolt - Hex Head - 0.4375" x 2" - GR8
14	24	107-282	Washer - Flat - 0.4375" x 0.922" OD - GR8
15	24	100-897	Washer - Flat - 0.4375" x 1.25" OD - GR2
16	18	106-117	Nut - Nylock - 0.4375" - GR8
17	24	104-911	Bolt - Hex Head - 0.5" x 1.375" - GR5
18	6	101-057	Bolt - Hex Head - 0.625" x 1" - GR5
19	8	101-022	Bolt - Hex Head - 0.625" x 1.5" - GR5
20	8	101-187	Washer - Lock - 0.625" Medium Split
21	1	109-229	Bolt - Hex Head - 0.75" x 1.75" - GR8
22	1	109-186	Plate - Weld On Hex Washer - 0.75"

NUHN15000007458

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 37 of 60

12" Return Elbow and Dual Oil Cans - 2021 | 1000-209-02

2021 MODEL



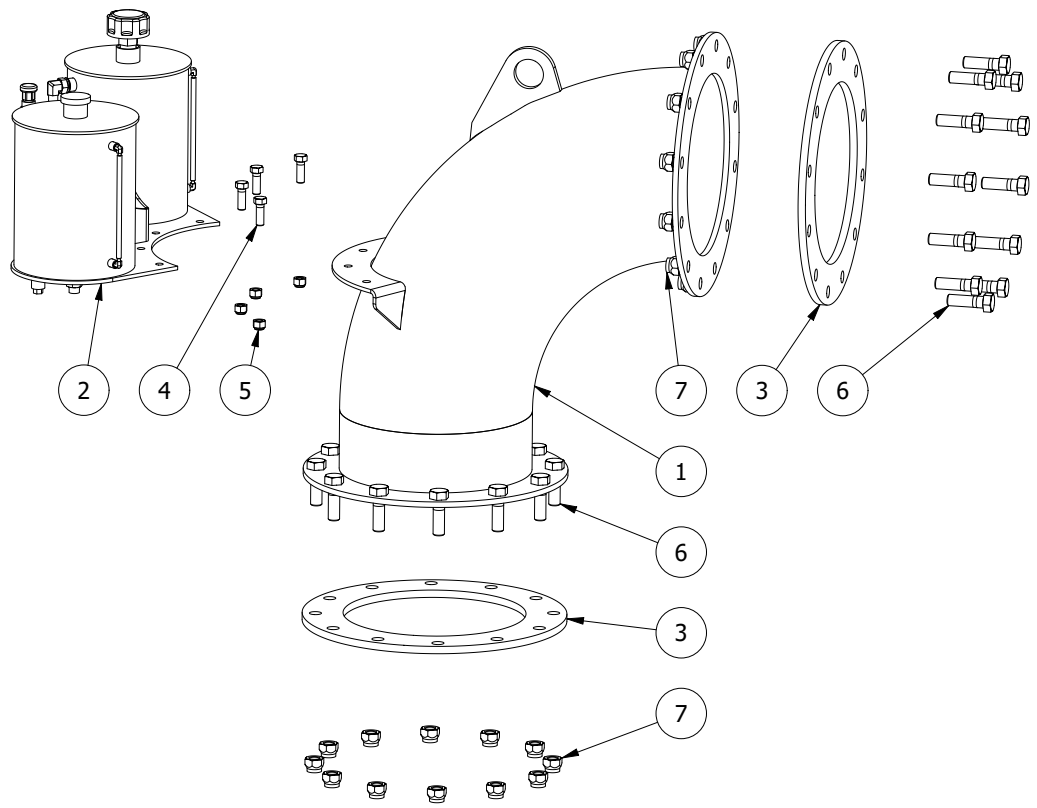
PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	109-988	12" Return Pipe Elbow - 2021 (4.0625" Long Straight Pipe)
2	1	106-523	Dual Oil Can Weldment
3	2	109-917	Rubber Isolator Flange - 12" PN10 Flange - 0.5"
4	4	100-914	Bolt - Hex Head - 0.5" x 1.5" - GR5
5	4	100-904	Nut - Nylock - 0.5" - GR2
6	24	101-207	Bolt - Hex Head - 0.75" x 2.5" - GR5
7	24	101-202	Washer - Flat - 0.75"
8	24	101-201	Nut - Nylock - 0.75" - GR2

NUHN15000007459

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 38 of 60

12" Return Elbow and Dual Oil Cans - 2020 | 1000-209-02

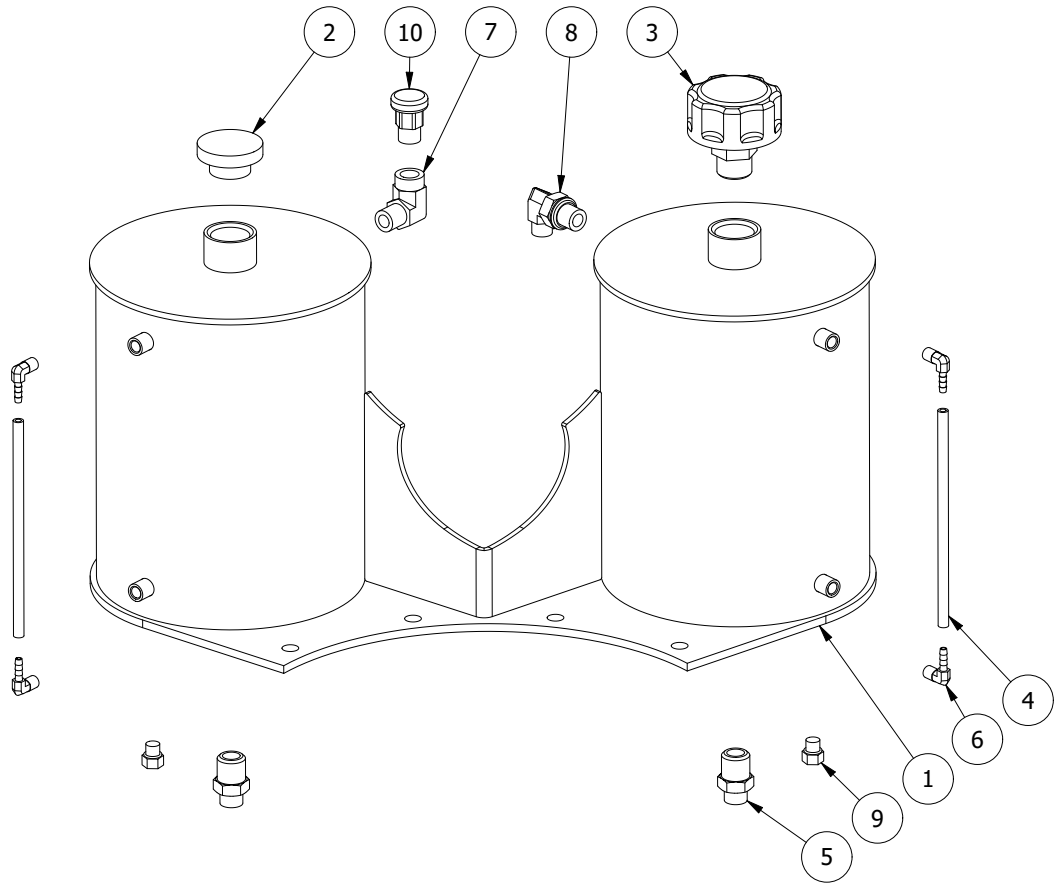
2020 MODEL



PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	109-987	12" Return Pipe Elbow - 2020 (3.625" Long Straight Pipe)
2	1	106-523	Dual Oil Can Weldment
3	2	109-917	Rubber Isolator Flange - 12" PN10 Flange - 0.5"
4	4	100-914	Bolt - Hex Head - 0.5" x 1.5" - GR5
5	4	100-904	Nut - Nylock - 0.5" - GR2
6	24	101-207	Bolt - Hex Head - 0.75" x 2.5" - GR5
7	24	101-201	Nut - Nylock - 0.75" - GR2

Dual Oil Can Assembly

1000-209-02



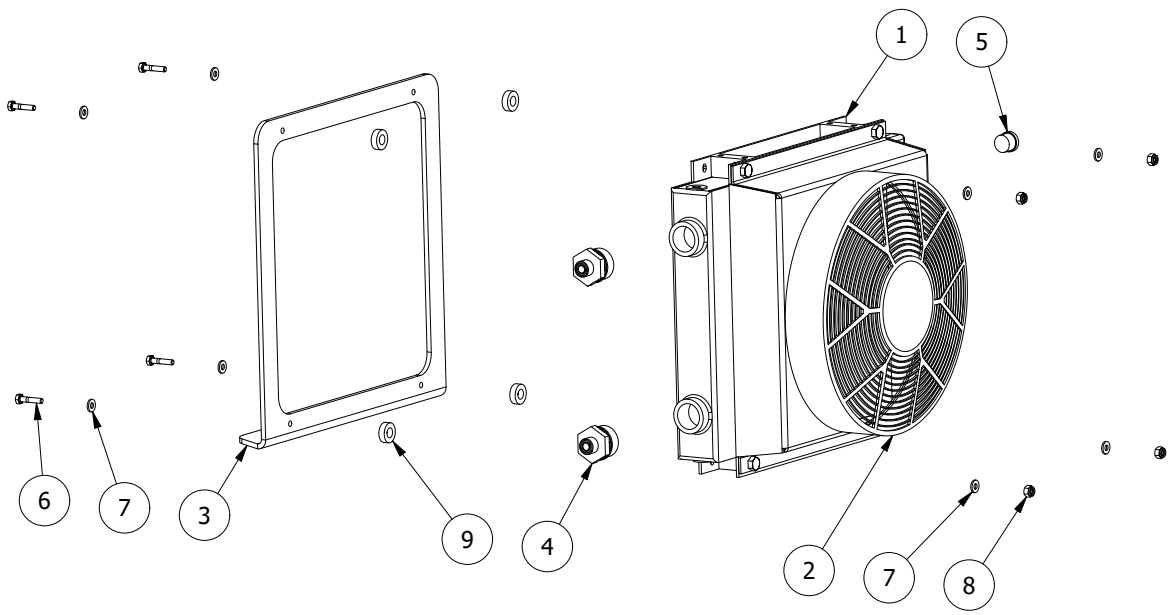
PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	106-523	Dual Oil Tanks Weldment
2	1	103-489	Vacuum Pump - Flush Port Cap
3	1	105-192	Filter Breather Cap with 5 Psi Relief
4	2	103-748 x 7"	Tube - Clear - 0.3125" OD x 0.1875" ID x 7" Long
5	2	105-591	Hyd. Adaptor - Straight - #6 MORS x #8 MP (FS2404-06-08)
6	4	102-494	Hyd. Adaptor - 90° Elbow - #2 MP x #3 BARB - Brass (139-3A)
7	1	101-538	Hyd. Adaptor - 90° Elbow - #6 MP x #6 FP (5502-0606)
8	1	104-451	Hyd. Adaptor - 90° Elbow - #6 MP x #6 MORS (FS2501-06-06)
9	2	104-077	Hyd. Fitting - Plug - #4 MOR Hex Socket (6408-04)
10	1	103-809	Hyd. Fitting - Plug - #6 MP Hooded Breather (313650)

NUHN15000007461

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 40 of 60

Gearbox Cooler - VTD 150 - With Fittings

1000-209-02

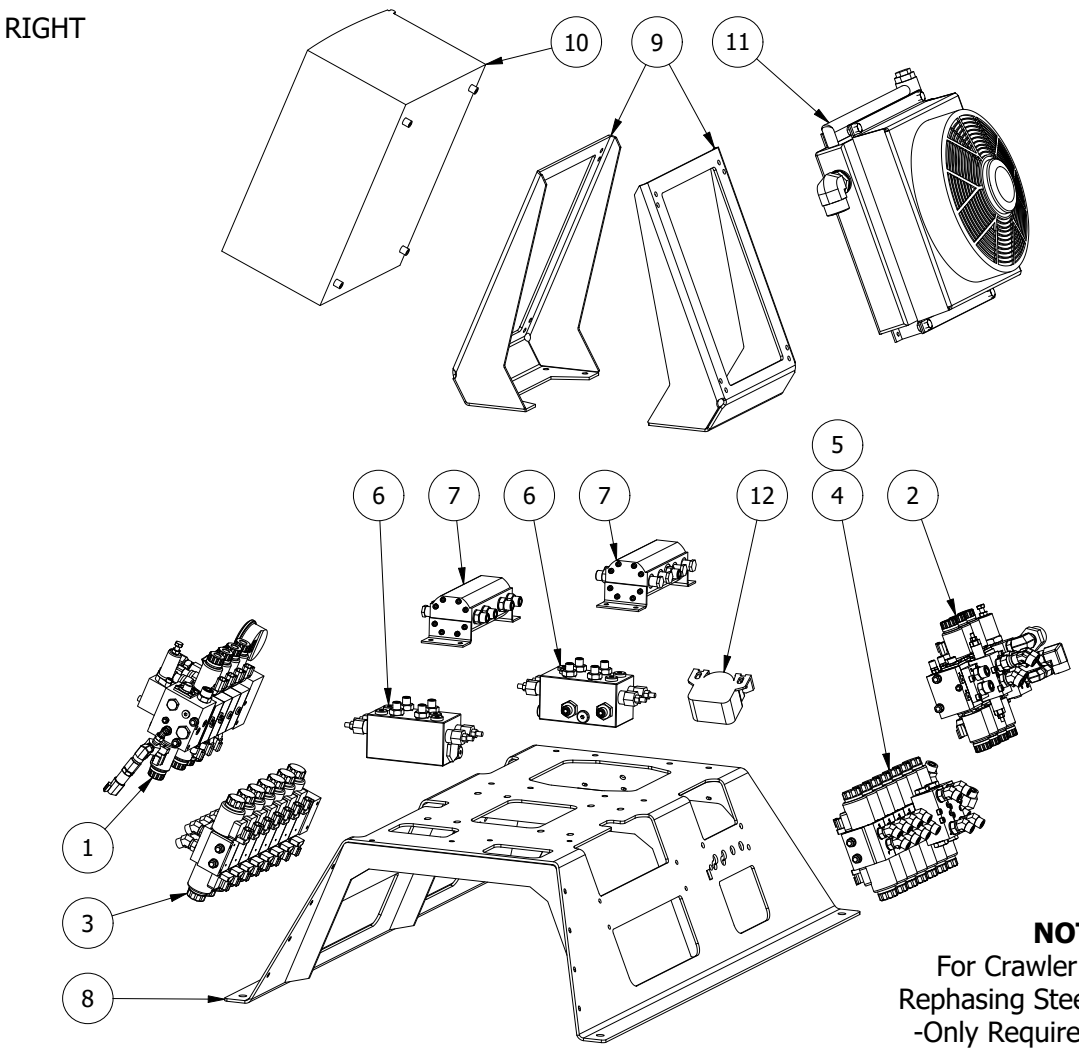


PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	106-514	Hyd. Oil Cooler - VTD 150/Pull -12V
2	1	106-581	Hyd. Oil Cooler - Replacement Fan - 305mm
3	1	106-526	Gearbox Oil Cooler Mount
4	2	110-625	Hyd. Adaptor - Straight - #8 MORS x #16 MBSPP (FS6002-08-16)
5	1	105-744	Hyd. Fitting - Plug - M22 x 1.5 (9610-22)
6	4	103-125	Bolt - Hex Head - 0.25" x 1.25" - GR5
7	8	101-019	Washer - Flat - 0.25"
8	4	102-521	Nut - Nylock - 0.25" - GR2
9	4	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk

NUHN15000007462

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 41 of 60

Dog House Assembly | 110-058 | 1000-209-02



NOTE:
For Crawler MOD-0934
Rephasing Steering Cylinders
-Only Requires 1 of Item 6
Remove Right Side
-And Item 5 Replaces Item 4

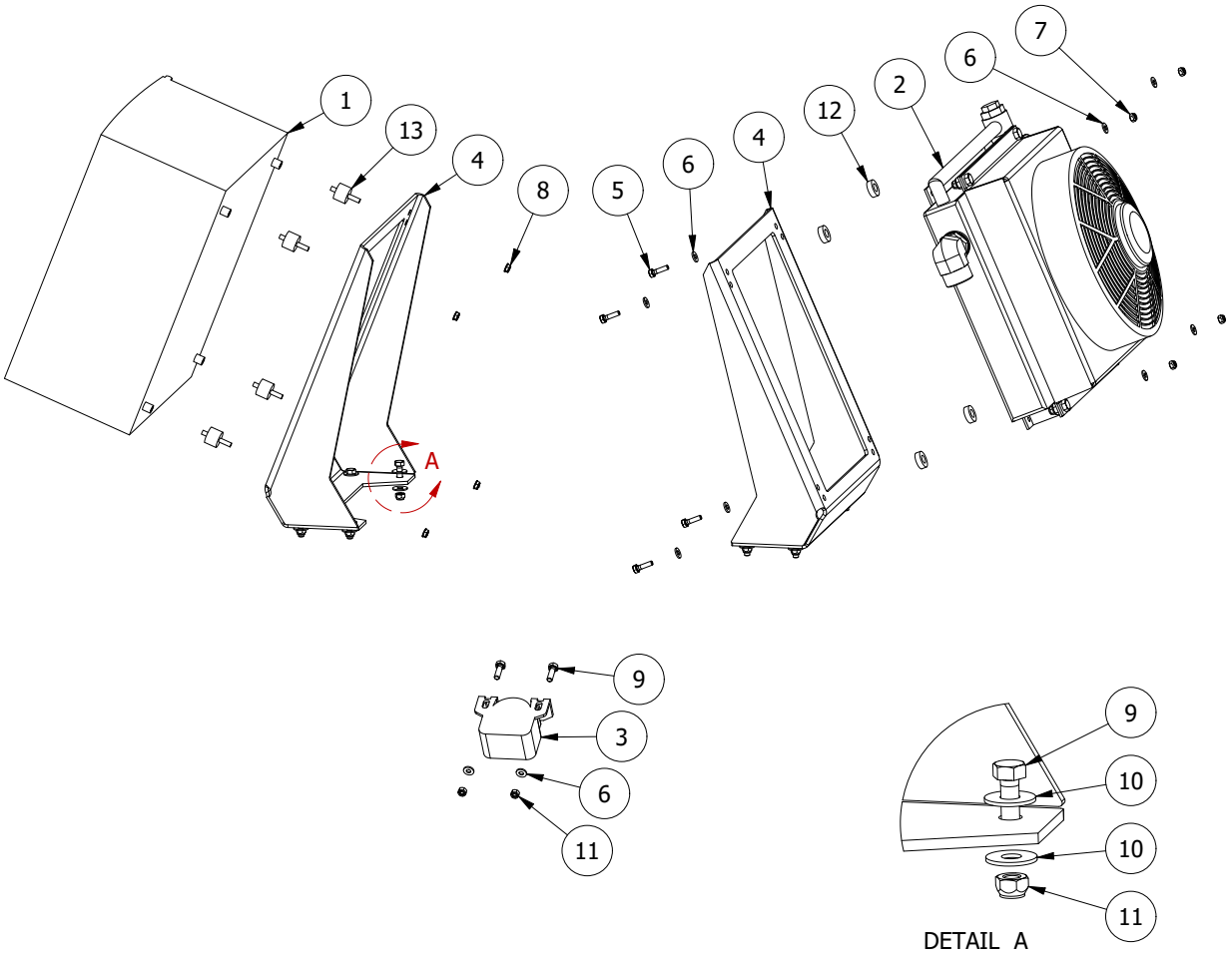
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1		Crawler - Hydraulic Solenoid Back Right Assembly (Bank 1)
2	1		Crawler - Hydraulic Solenoid Back Left Assembly (Bank 2)
3	1		Crawler - Hydraulic Solenoid Front Right Assembly (Bank 3)
4	1		Crawler - Hydraulic Solenoid Front Left Assembly (Bank 4)
5	1		Crawler - Hydraulic Solenoid Front Left Assembly (Bank 4) - Rephasing Only
6	2		Crawler - Hydraulic Lift and Steer Block Assembly
7	2		Crawler - Hydraulic 4 Way Rotary Flow Divider Assembly
8	1	110-530	Crawler - Dog House Weldment - 2021 Model
9	2	110-529	Crawler - Cooler/Control Box Mounting Bracket
10	1	109-291	Crawler - Electrical Control Box - Enclosure with Lid Only
11	1	109-172	Hyd. Oil Cooler - GR 150/Pull - Bypass - 12V
12	1	105-892	Techspan Back-Up Alarm

NUHN15000007463

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 42 of 60

Hyd. Oil Cooler - Electrical Box - Backup Alarm - Fasteners | 1000-209-02

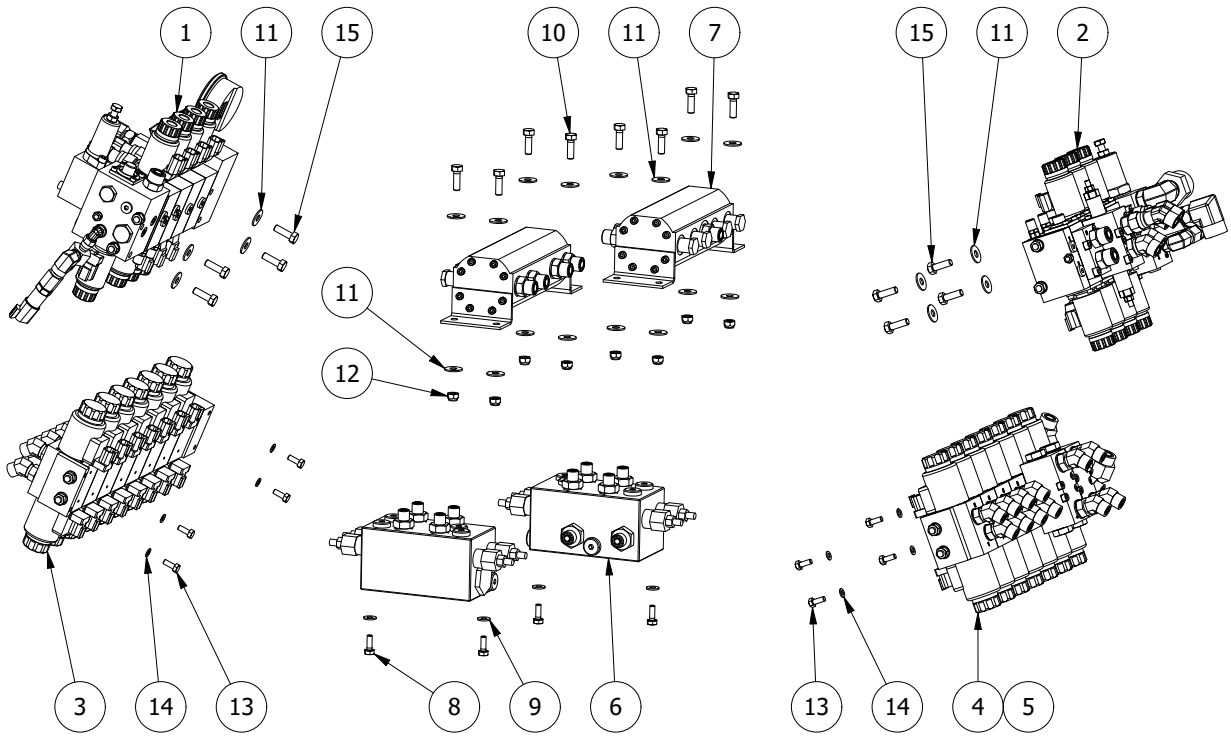


PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	109-291	Crawler - Electrical Control Box - Enclosure with Lid Only
2	1	109-172	Hyd. Oil Cooler - GR 150/Pull - Bypass - 12V
3	1	105-892	Techspan Back-Up Alarm
4	2	110-529	Crawler - Cooler/Control Box Mounting Bracket
5	4	101-058	Bolt - Hex Head - 0.25" x 1" - GR5
6	10	101-019	Washer - Flat - 0.25"
7	4	102-521	Nut - Nylock - 0.25" - GR2
8	4	104-652	Nut - K-Lock - 0.25" with External Tooth Lock Washer
9	10	101-026	Bolt - Hex Head - 0.3125" x 1" - GR5
10	16	101-020	Washer - Flat - 0.3125"
11	10	101-189	Nut - Nylock - 0.3125" - GR2
12	4	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk
13	1	104-906	Rubber Isolator - 0.25" Male x Male (4 Isolators Kit)

NUHN15000007464

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 43 of 60

RIGHT LEFT

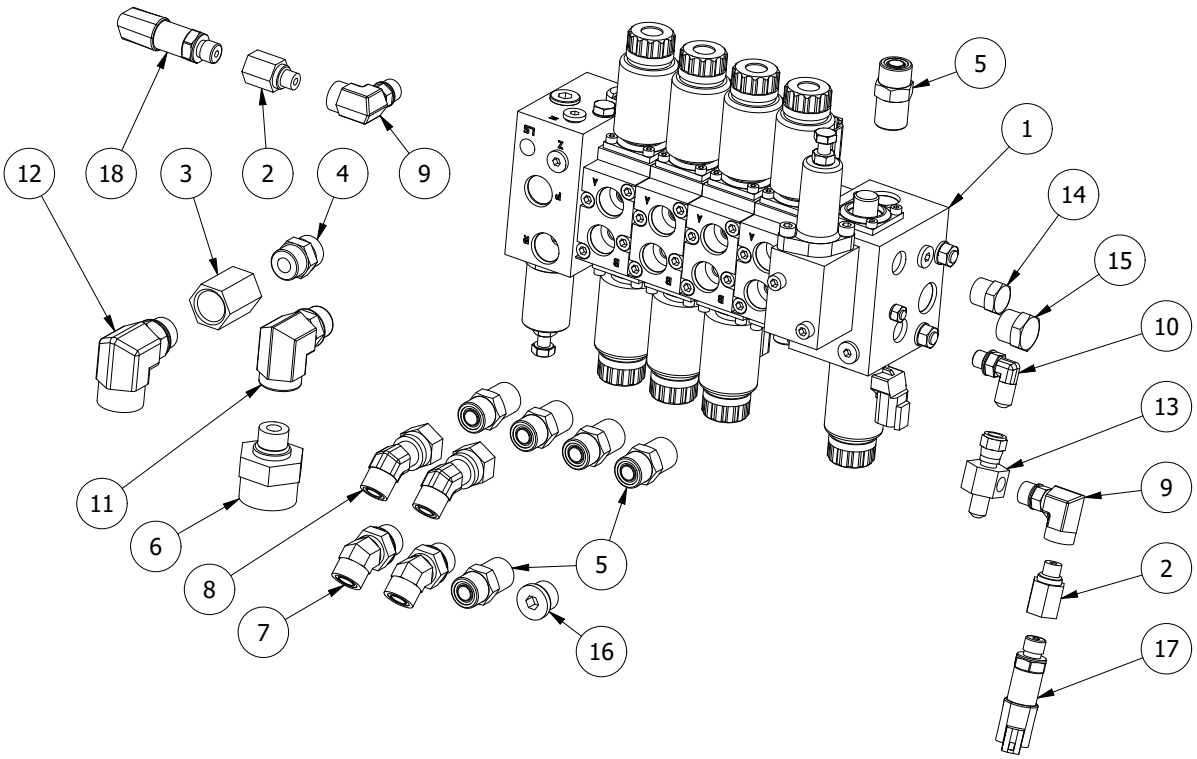


NOTE:
For Crawler MOD-0934
Rephasing Steering Cylinders
-Only Requires 1 of Item 6
Remove Right Side
-And Item 5 Replaces Item 4

PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1		Crawler - Hydraulic Solenoid Back Right Assembly (Bank 1)
2	1		Crawler - Hydraulic Solenoid Back Left Assembly (Bank 2)
3	1		Crawler - Hydraulic Solenoid Front Right Assembly (Bank 3)
4	1		Crawler - Hydraulic Solenoid Front Left Assembly (Bank 4)
5	1		Crawler - Hydraulic Solenoid Front Left Assembly (Bank 4) - Rephasing Only
6	2		Crawler - Hydraulic Lift and Steer Block Assembly
7	2		Crawler - Hydraulic 4 Way Rotary Flow Divider Assembly
8	4	103-111	Bolt - Hex Head - 0.25" x 0.75" - GR5
9	4	101-019	Washer - Flat - 0.25"
10	8	101-026	Bolt - Hex Head - 0.3125" x 1" - GR5
11	24	101-020	Washer - Flat - 0.3125"
12	8	101-189	Nut - Nylock - 0.3125" - GR2
13	8	107-829	Bolt - Hex Head - M6 x 16
14	8	106-574	Washer - Flat - M6
15	8	106-758	Bolt - Hex Head - M8 x 16

Crawler - Hydraulic Solenoid Back Right Assembly (Bank 1) | 1000-209-02

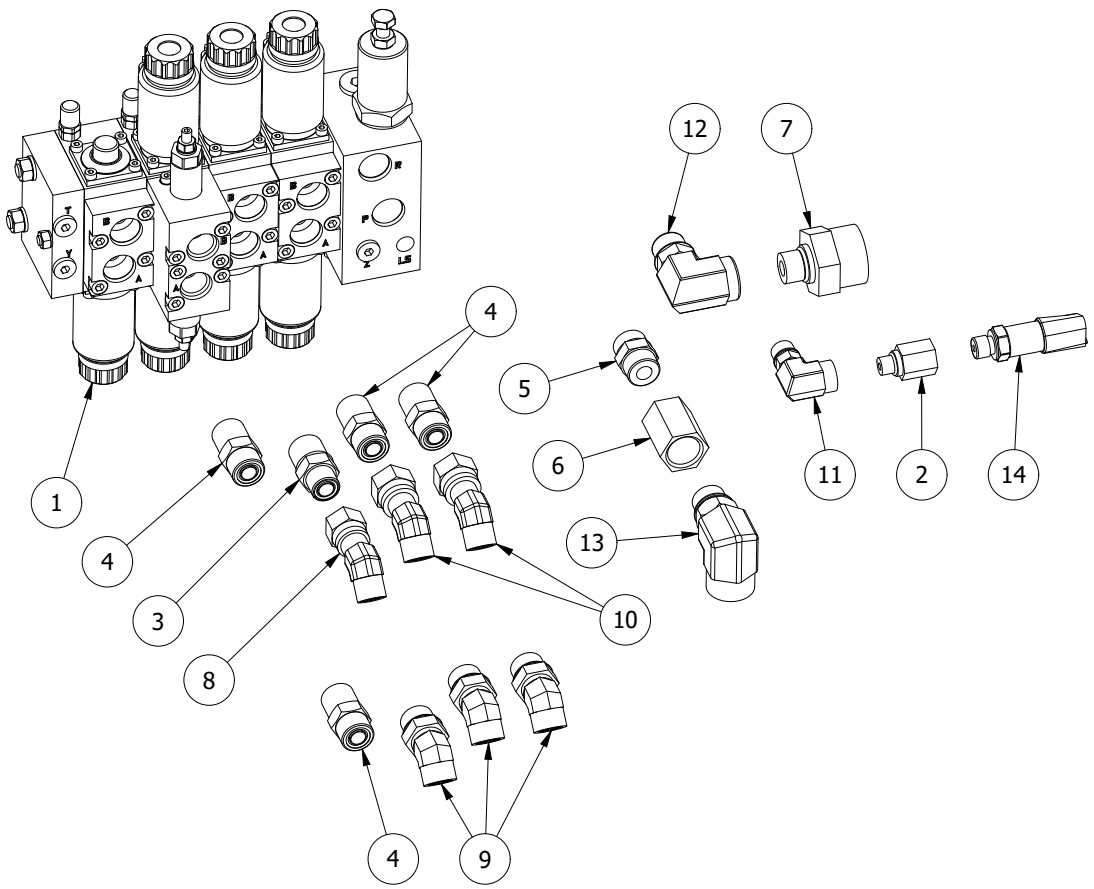


PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	108-778-1	Hyd. Solenoid EDL - Clutch Valve
2	2	110-593	Hyd. Adaptor - Straight - #4 MOR x #4 FBSPP (9120-04-04)
3	1	103-089	Hyd. Adaptor - Straight - #8 FOR x #8 FOR (6425-08-08)
4	1	105-376	Hyd. Adaptor - Straight - #8 MOR x #8 MOR (6464-08-08)
5	6	104-805	Hyd. Adaptor - Straight - #8 MORS x #8 MOR (FS6400-08-08)
6	1	107-235	Hyd. Adaptor - Straight - #12 MORS x #8 MOR (FS6400-12-08)
7	2	107-158	Hyd. Adaptor - 45° Elbow - #8 MORS x #8 MOR (6802-08-08)
8	2	104-826	Hyd. Adaptor - 45° Elbow - #8 MORS x #8 FORSX (6502-08-08)
9	2	108-775	Hyd. Adaptor - 90° Elbow - #4 MOR x #4 FOR (6815-04-04)
10	1	107-826	Hyd. Adaptor - 90° Elbow - #6 MOR x #6 MJ (FS6801-06-06)
11	1	109-080	Hyd. Adaptor - 90° Elbow - #8 MOR x #8 FOR (6815-08-08)
12	1	107-825	Hyd. Adaptor - 90° Elbow - #12 MORS x #8 MOR (6801-12-08)
13	1	107-824	Hyd. Adaptor - Tee - #6 MJ x #6 FJX x #4 FOR (6564-04-06-06)
14	1	103-372	Hyd. Fitting - Plug - #6 MOR - Hex Head (6408-06)
15	1	110-752	Hyd. Fitting - Plug - #8 MOR - Hex Head (6408-08)
16	1	101-803	Hyd. Fitting - Plug - #8 MOR - Hex Socket (6409-08)
17	1	109-207	Clutch Pressure Sensor 0 to 25 bar #4 MBSPP - 3 Pin DT
18	1	109-206	Sensor Liquid Pressure 0 to 400 bar #4 MBSPP - 3 Pin DT

NUHN15000007466

Crawler - Hydraulic Solenoid Back Left Assembly (Bank 2) | 1000-209-02

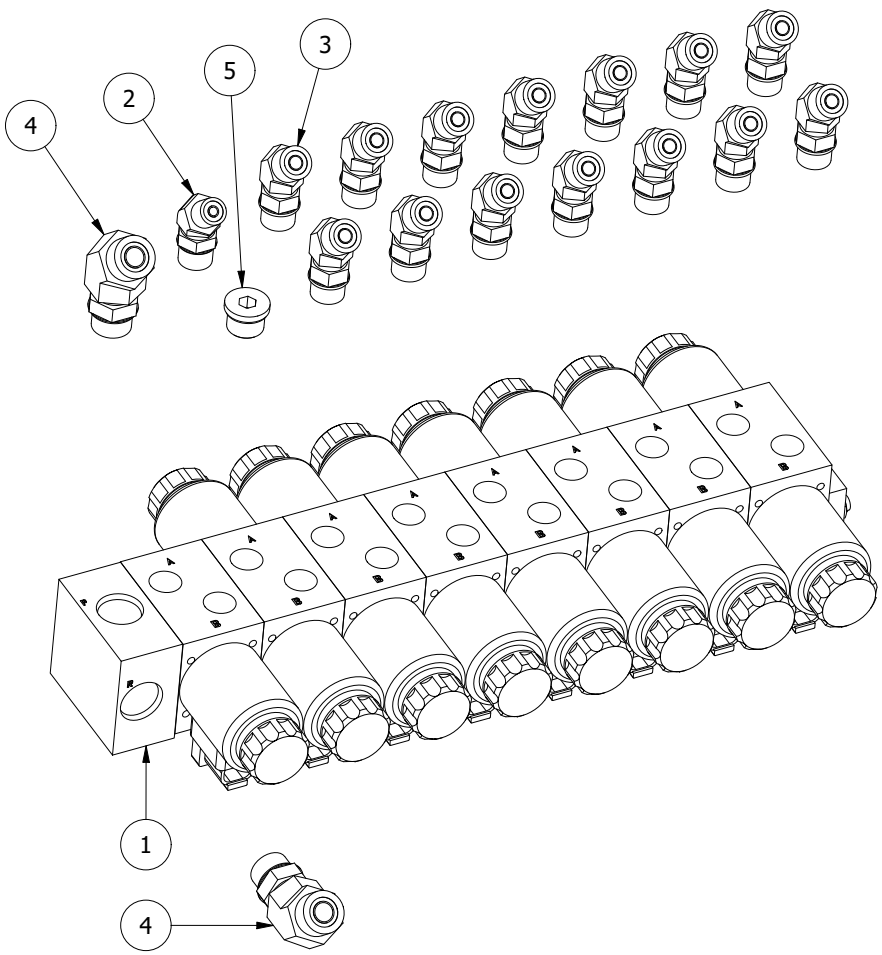


PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	108-779	Crawler - Hyd. Solenoid - EDL Valve
2	1	110-593	Hyd. Adaptor - Straight - #4 MOR x #4 FBSPP (9120-04-04)
3	1	104-803	Hyd. Adaptor - Straight - #6 MORS x #8 MOR (FS6400-06-08)
4	4	104-805	Hyd. Adaptor - Straight - #8 MORS x #8 MOR (FS6400-08-08)
5	1	105-376	Hyd. Adaptor - Straight - #8 MOR x #8 MOR (6464-08-08)
6	1	103-089	Hyd. Adaptor - Straight - #8 FOR x #8 FOR (6425-08-08)
7	1	107-235	Hyd. Adaptor - Straight - #12 MORS x #8 MOR (FS6400-12-08)
8	1	104-824	Hyd. Adaptor - 45° Elbow - #6 MORS x #6 FORSX (6502-06-06)
9	3	107-158	Hyd. Adaptor - 45° Elbow - #8 MORS x #8 MOR (6802-08-08)
10	2	104-826	Hyd. Adaptor - 45° Elbow - #8 MORS x #8 FORSX (6502-08-08)
11	1	108-775	Hyd. Adaptor - 90° Elbow - #4 MOR x #4 FOR (6815-04-04)
12	1	109-080	Hyd. Adaptor - 90° Elbow - #8 MOR x #8 FOR (6815-08-08)
13	1	107-825	Hyd. Adaptor - 90° Elbow - #12 MORS x #8 MOR (6801-12-08)
14	1	109-206	Sensor Liquid Pressure 0 to 400 bar #4 MBSPP - 3 Pin DT

NUHN15000007467

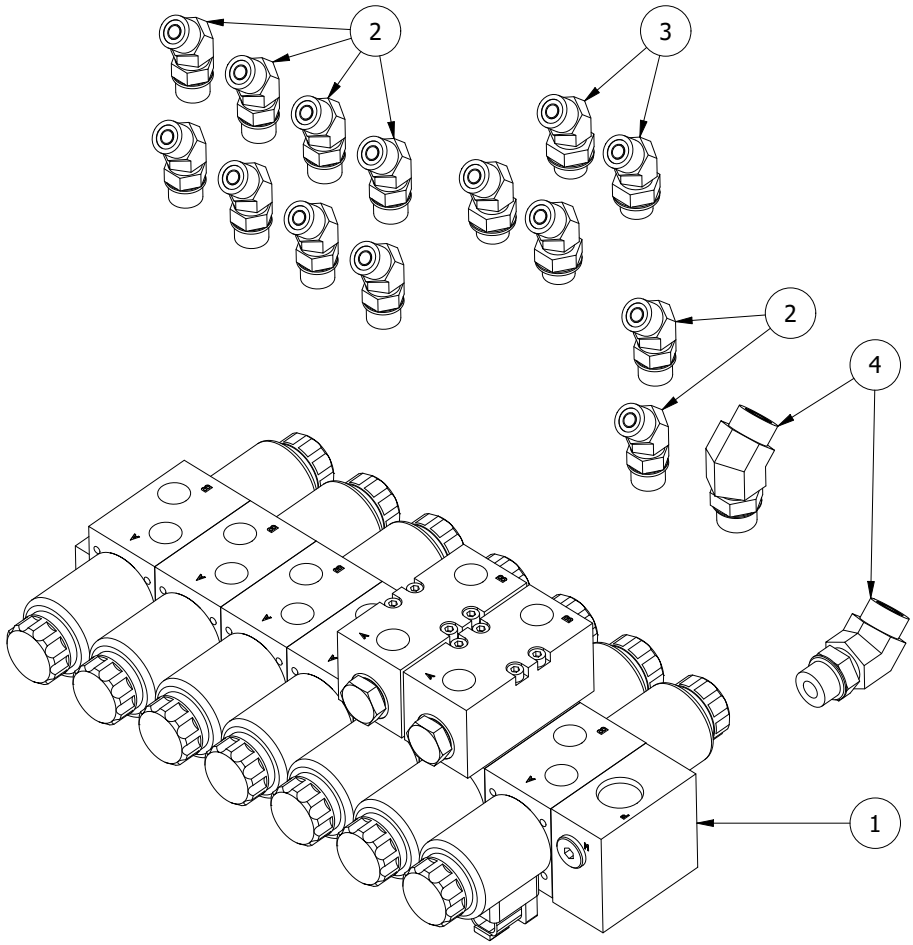
Crawler - Hydraulic Solenoid Front Right Assembly (Bank 3) | 1000-209-02



PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	108-780	Hyd. Solenoid - 8 Bank CWS Block - HFM679
2	1	107-849	Hyd. Adaptor - 45° Elbow #4 MORS x #6 MOR (6802-04-06)
3	14	107-847	Hyd. Adaptor - 45° Elbow #6 MORS x #6 MOR (6802-06-06)
4	2	107-846	Hyd. Adaptor - 45° Elbow #8 MORS x #10 MOR (6802-08-10)
5	1	101-803	Hyd. Fitting - Plug - #8 MOR - Hex Socket (6409-08)

Crawler - Hydraulic Solenoid Front Left Assembly (Bank 4)

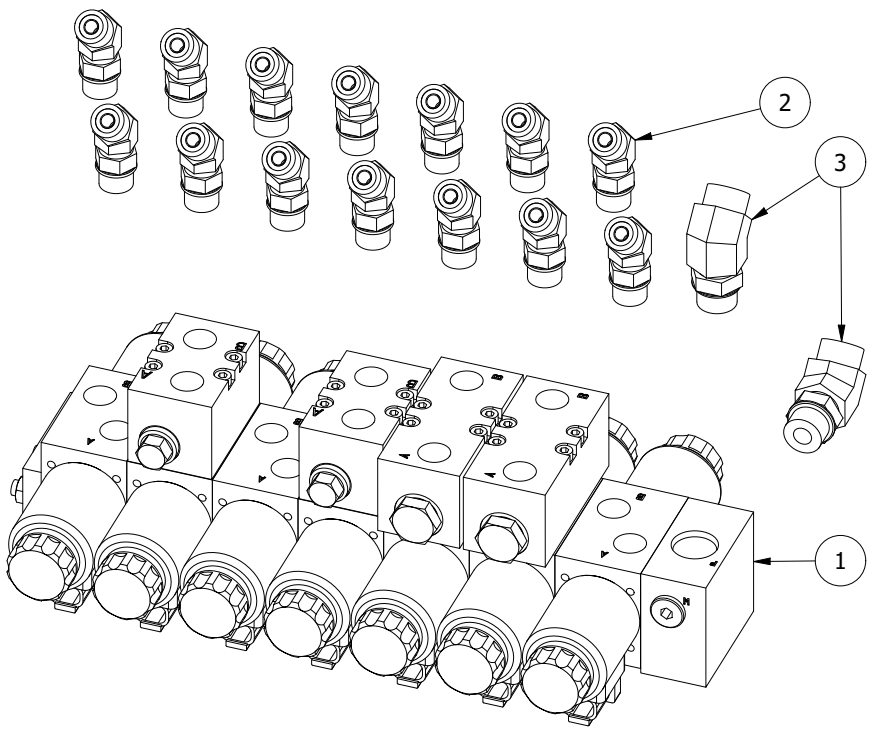
1000-209-02



PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	108-781-1	Hyd. Solenoid - 7 Bank CWS Block - HMF680
2	10	107-847	Hyd. Adaptor - 45° Elbow #6 MORS x #6 MOR (6802-06-06)
3	4	109-145	Hyd. Adaptor - 45° Elbow #6 MORS x #6 MBSPP (6058-06-06)
4	2	107-846	Hyd. Adaptor - 45° Elbow #8 MORS x #10 MOR (6802-08-10)

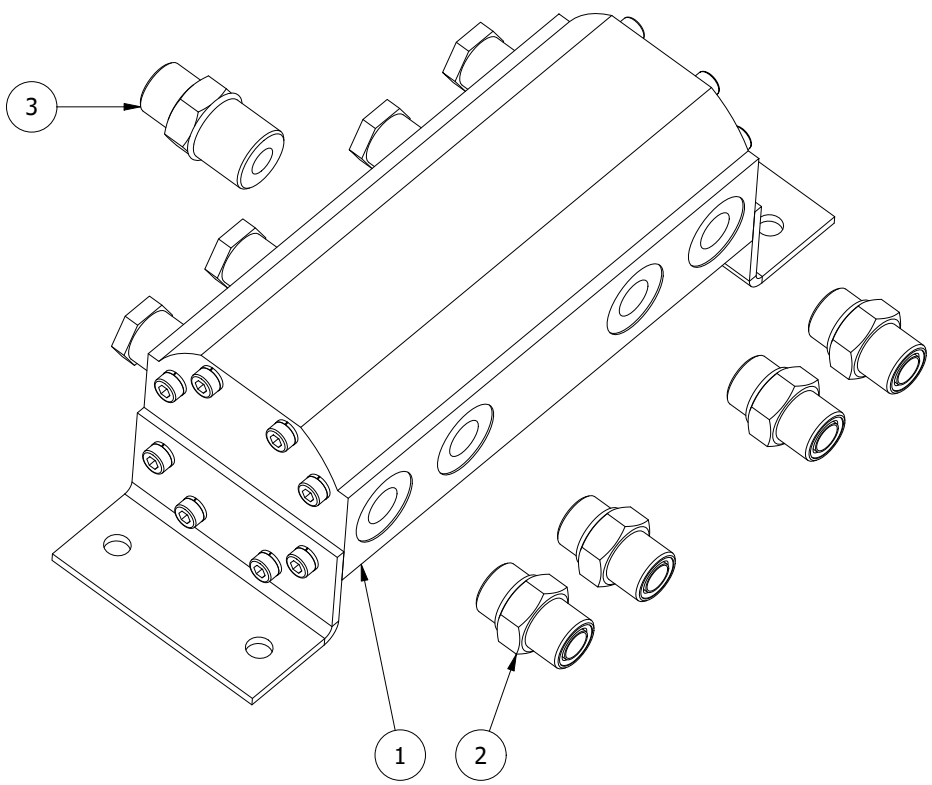
NUHN15000007469

Note:
Only For Crawler MOD-0934
Rephasing Steering Cylinders



PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	108-781-2	Hyd. Solenoid - 7 Bank CWS Block - HMF737
2	14	107-847	Hyd. Adaptor - 45° Elbow #6 MORS x #6 MOR (6802-06-06)
3	2	107-846	Hyd. Adaptor - 45° Elbow #8 MORS x #10 MOR (6802-08-10)

Crawler - Hydraulic 4 Way Rotary Flow Divider Assembly | 1000-209-02



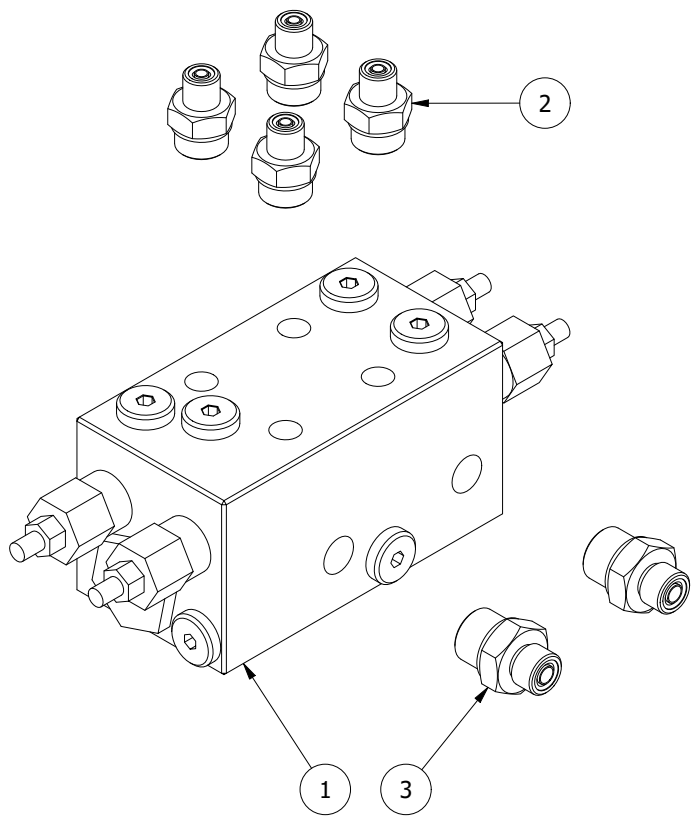
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	107-365	Crawler - Hyd. 4 Way Rotary Flow Divider - #8 SAE in - #6 SAE out
2	4	104-801	Hyd. Adaptor - Straight - #6 MORS x #6 MOR (FF6400-06-06)
3	1	104-803	Hyd. Adaptor - Straight - #6 MORS x #8 MOR (FF6400-06-08)

NUHN15000007471

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 50 of 60

Lift and Steer Block Manifold Assembly 1000-209-02

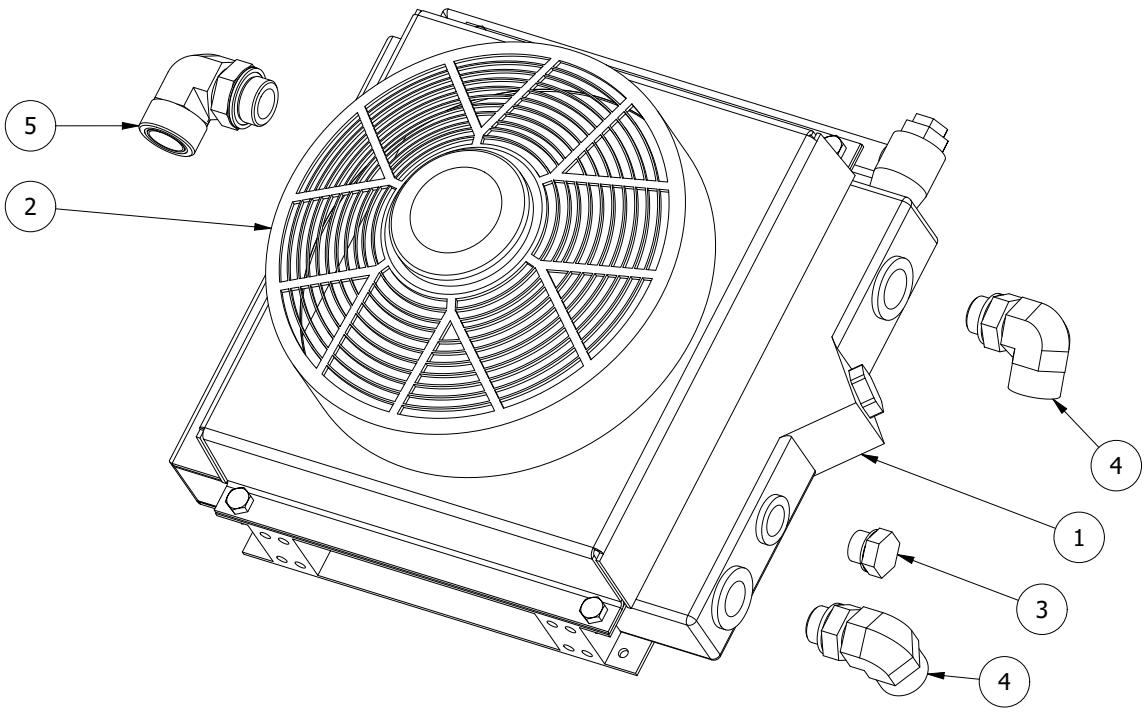


PARTS LIST			
ITEM	QTY	PART NUMBER	TITLE
1	1	104-233-1	Crawler - Hyd. Block Manifold - CX-75
2	4	104-455	Hyd. Adaptor - Straight - #4 MORS x #8 MOR (6400-04-08)
3	2	104-807	Hyd. Adaptor - Straight - #6 MORS x #10 MOR (6400-06-10)

NUHN15000007472

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 51 of 60

Hyd. Oil Cooler - GR 150/Pull - Bypass - 12V | 109-172 | 1000-209-02



PARTS LIST

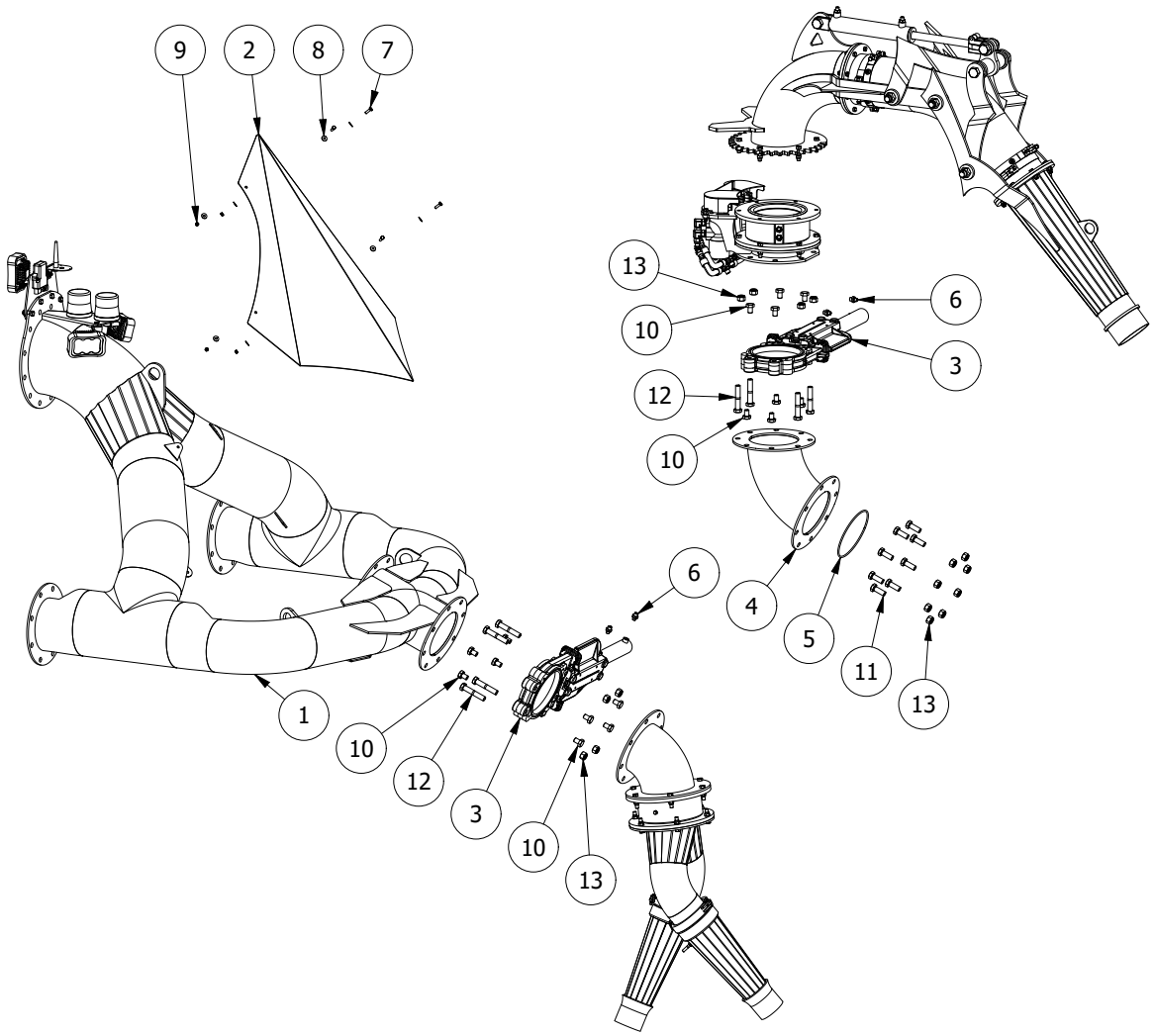
ITEM	QTY	PART NUMBER	TITLE
1	1	109-172	Hyd. Oil Cooler - GR 150/Pull - Bypass - 12V - Complete with Fan
2	1	106-581	Hyd. Oil Cooler - Replacement Fan - 305mm
3	1	105-744	Hyd. Fitting - Plug - M22 x 1.5 (9610-22)
4	2	109-923	Hyd. Adaptor - 90° Elbow - #16 MORS x #16 MBSPP (6059-16-16)
5	1	109-189	Hyd. Adaptor - 90° Elbow - #20 MORS x #16 MBSPP (3801-20-16)

NUHN15000007473

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 52 of 60

Front Pipe Assembly

1000-209-02



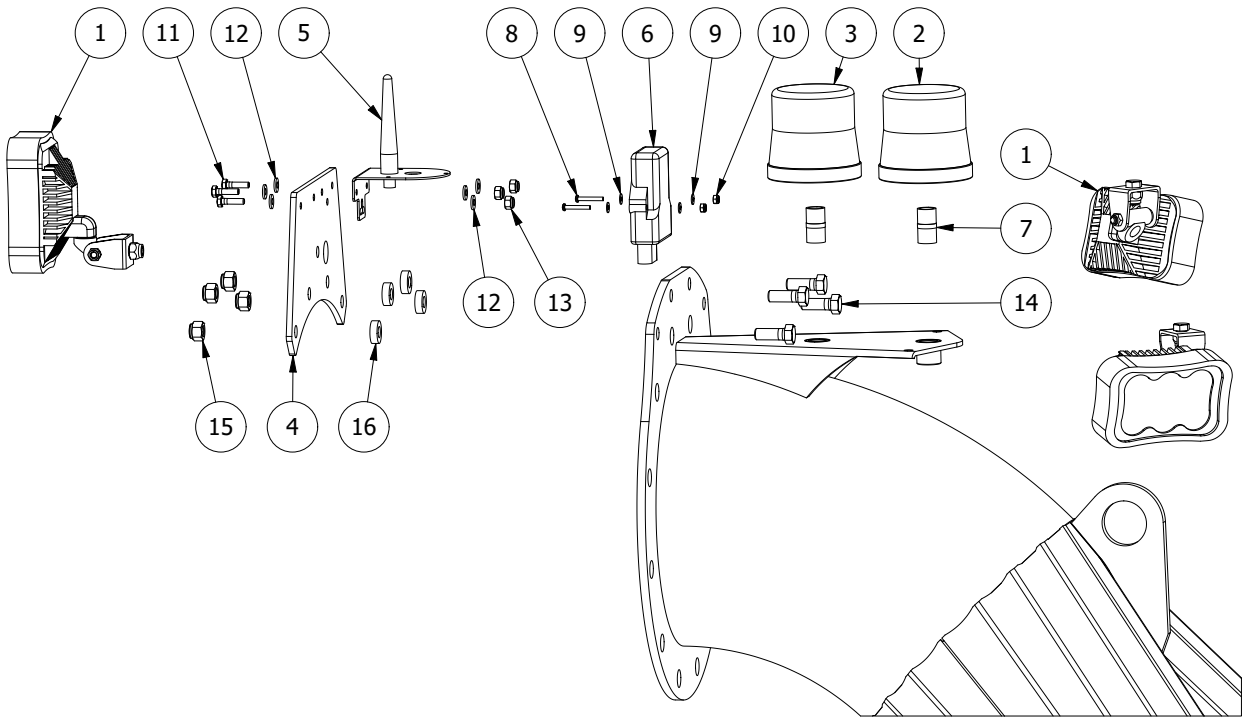
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	106-532-2	2021 12" to 8" Y Pipe Assembly
2	1	106-531-1	Crawler - Solenoid Splash Guard
3	2	100-722-2	Gladio Gate Valve - 8" ANSI - with Cylinder
4	1	106-533	Fitting - 67.5° Elbow - 8" ANSI to 8" ANSI
5	1	104-713	8" O-Ring - 373 - ANSI Flange
6	4	104-649	Hyd. Adaptor - Straight - #6 MORS x #4 MBSPP (FS6002-06-04)
7	4	101-026	Bolt - Hex Head - 0.3125" x 1" - GR5
8	8	101-020	Washer - Flat - 0.3125"
9	4	101-189	Nut - Nylock - 0.3125" - GR2
10	16	101-204	Bolt - Hex Head - 0.75" x 1" - GR5
11	8	101-206	Bolt - Hex Head - 0.75" x 2" - GR5
12	8	101-210	Bolt - Hex Head - 0.75" x 4" - GR5
13	16	101-201	Nut - Nylock - 0.75" - GR2

NUHN15000007474

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 53 of 60

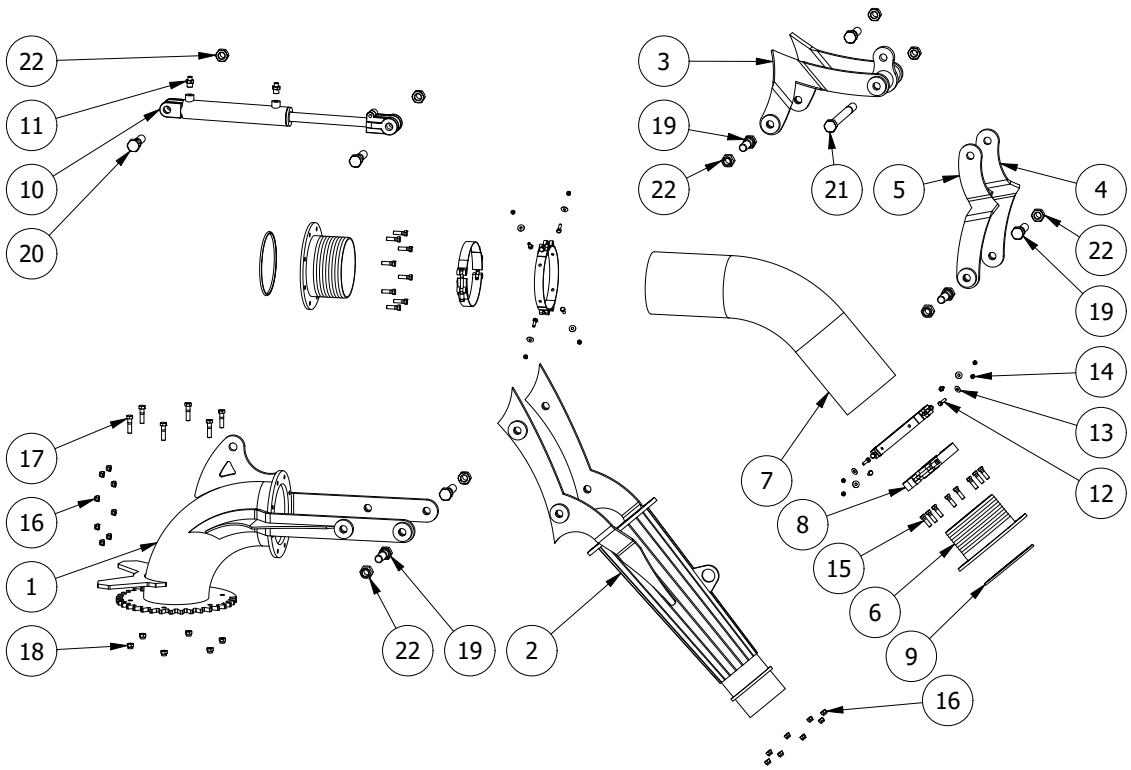
Y Pipe - Electrical Mounting Bracket | 1000-209-02



PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	3	106-557-1	Work Light - Rectangular LED - 3200lm - with Bracket Kit
2	1	105-864	Top Strobe Light - Red
3	1	105-865	Top Strobe Light - Amber
4	1	110-600	Light and GPS Mount Bracket
5	1	109-301	Dual Band Radio Antenna with Mounting Bracket
6	1	109-209-1	GPS - Quad Band Radio Modem - Sealed
7	2	102-754	Pipe Fitting - Nipple - 0.5" x 1.5"
8	2	106-118	Bolt - Slotted Square Head - #8-32 x 1.25" - GR5
9	4	107-206	Washer - Flat - #8
10	2	105-882	Nut - Nylock - #8-32 - GR2
11	3	101-058	Bolt - Hex Head - 0.25" x 1" - GR5
12	6	101-019	Washer - Flat - 0.25"
13	3	102-521	Nut - Nylock - 0.25" - GR2
14	4	104-911	Bolt - Hex Head - 0.5" x 1.375" - GR5
15	4	100-904	Nut - Nylock - 0.5" - GR2
16	4	104-108	Rubber Washer - 1" OD x 0.5" ID x 0.3125" Thk

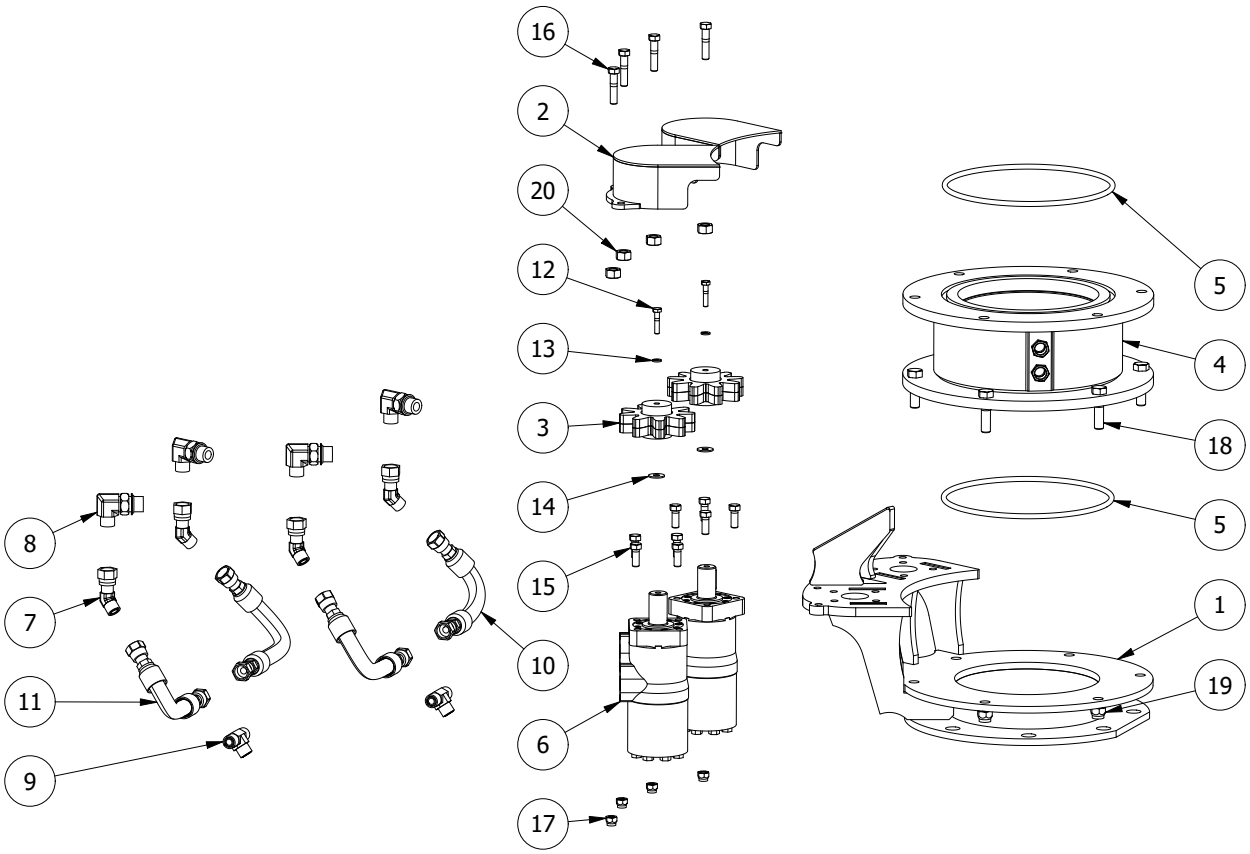
Front Agitator Nozzle | 1000-209-02



PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	106-678-1	8" Agitator Swivel Elbow (Sprocket Motor Rotate)
2	1	100-481	Agitator - Nozzle 8" to 6"
3	1	100-643	Agitator - Primary Linkage
4	1	100-792	Agitator - Secondary Linkage - Right
5	1	100-642	Agitator - Secondary Linkage - Left
6	2	100-641	Barb with Boom Flange - 8" Hose
7	1	102-200x36"	Hose - Layflat - Black - 8" x 36"
8	4	103-635	Hose Clamp - 8" - 200-220 - Double Bolt
9	2	105-008	O-Ring - 8" - Boom Flange
10	1	100-894	Hyd. Cylinder - Welded - 2" x 10" - Clevis - 90° Ports
11	2	104-455	Hyd. Adaptor - Straight - #4 MORS x #8 MOR (FS6400-04-08)
12	8	101-026	Bolt - Hex Head - 0.3125" x 1" - GR5
13	8	101-020	Washer - Flat - 0.3125"
14	8	101-189	Nut - Nylock - 0.3125" - GR2
15	16	100-910	Bolt - Hex Head - 0.4375" x 1.5" - GR5
16	16	100-903	Nut - Nylock - 0.4375" - GR2
17	6	100-916	Bolt - Hex Head - 0.5" x 2" - GR5
18	6	100-904	Nut - Nylock - 0.5" - GR2
19	6	100-918	Bolt - Hex Head - 1" x 3.5" - GR5
20	2	100-467	Bolt - Hex Head - 1" x 4" - GR5
21	1	103-772	Bolt - Hex Head - 1" x 12" - GR8
22	9	100-907	Nut - Nylock - 1" - GR2

Agitator Base Rotating Assembly | 1000-209-02



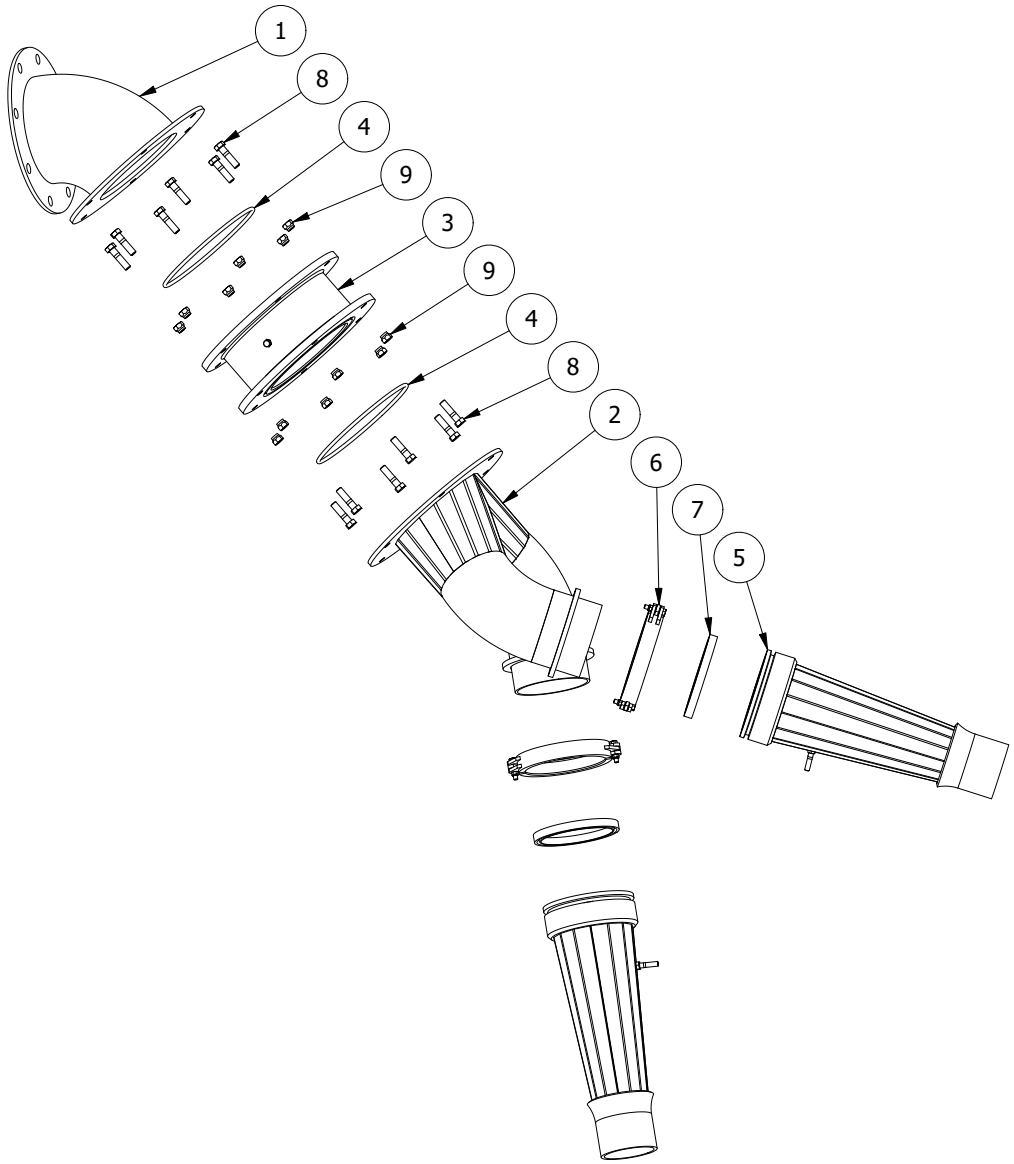
PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	106-535	Crawler - Agitator Swivel Mounting Bracket
2	2	100-482	Sprocket Shield
3	2	100-483	Rotator Sprocket
4	1	105-855-1	Swivel Joint - 8" - No Internal O-Ring
5	2	106-517-1	O Ring - 8" - Swivel Joint
6	2	101-967	Hyd. Motor - 400 Series - 4 Bolt
7	4	104-826	Hyd. Adaptor - 45° Elbow - #8 MORS x #8 FORSX (6502-08-08)
8	4	104-810	Hyd. Adaptor - 90° Elbow - #8 MORS x #10 MOR (FS6801-08-10)
9	2	104-828	Hyd. Adaptor - Tee - #8 MORS x #8 MORS x #8 MORS (FF2603-08-08-08)
10	2	106-775	Hydraulic Hose Assembly - Top Adaptor - #122 OR #123
11	2	106-774	Hydraulic Hose Assembly - Bottom Adaptor - #120 OR #121
12	2	103-125	Bolt - Hex Head - 0.25" x 1.25" - GR5
13	2	103-145	Washer - Lock - 0.25" Medium Split
14	2	101-020	Washer - Flat - 0.3125"
15	8	103-599	Bolt - Hex Head - 0.375" x 1" - GR8
16	4	100-908	Bolt - Hex Head - 0.375" x 1.75" - GR5
17	4	100-902	Nut - Nylock - 0.375" - GR2
18	6	100-916	Bolt - Hex Head - 0.5" x 2" - GR5
19	6	100-904	Nut - Nylock - 0.5" - GR2
20	4	101-017	Nut - 0.5" - GR5

NUHN15000007477

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 56 of 60

Dual Swivel Nozzle - Complete Assembly | 109-276 | 1000-209-02



PARTS LIST

ITEM	QTY	PART NUMBER	TITLE
1	1	109-492	Fitting - 60° Elbow - 8" ANSI to 8" Swivel
2	1	109-493	8" Swivel to 45° Dual 6" High Pressure - For Dual Rotate
3	1	105-855-1	Swivel Joint - 8" - No Internal O-Ring
4	2	106-517-1	O Ring - 8" - Swivel Joint
5	2	100-796	Nozzle - 6" to 4" High Pressure
6	2	100-849	Clamp - 6" High Pressure
7	2	100-890	Gasket - Rainway - 6"
8	12	100-916	Bolt - Hex Head - 0.5" x 2" - GR5
9	12	100-904	Nut - Nylock - 0.5" - GR2

Notes	1000-209-02

NUHN15000007479

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 58 of 60

Notes	1000-209-02

Exhibit 2045
Bazooka v. Nuhn - IPR2024-00004
Page 59 of 60