



# **PARTS MANUAL**

**For Parts Sales & Service**

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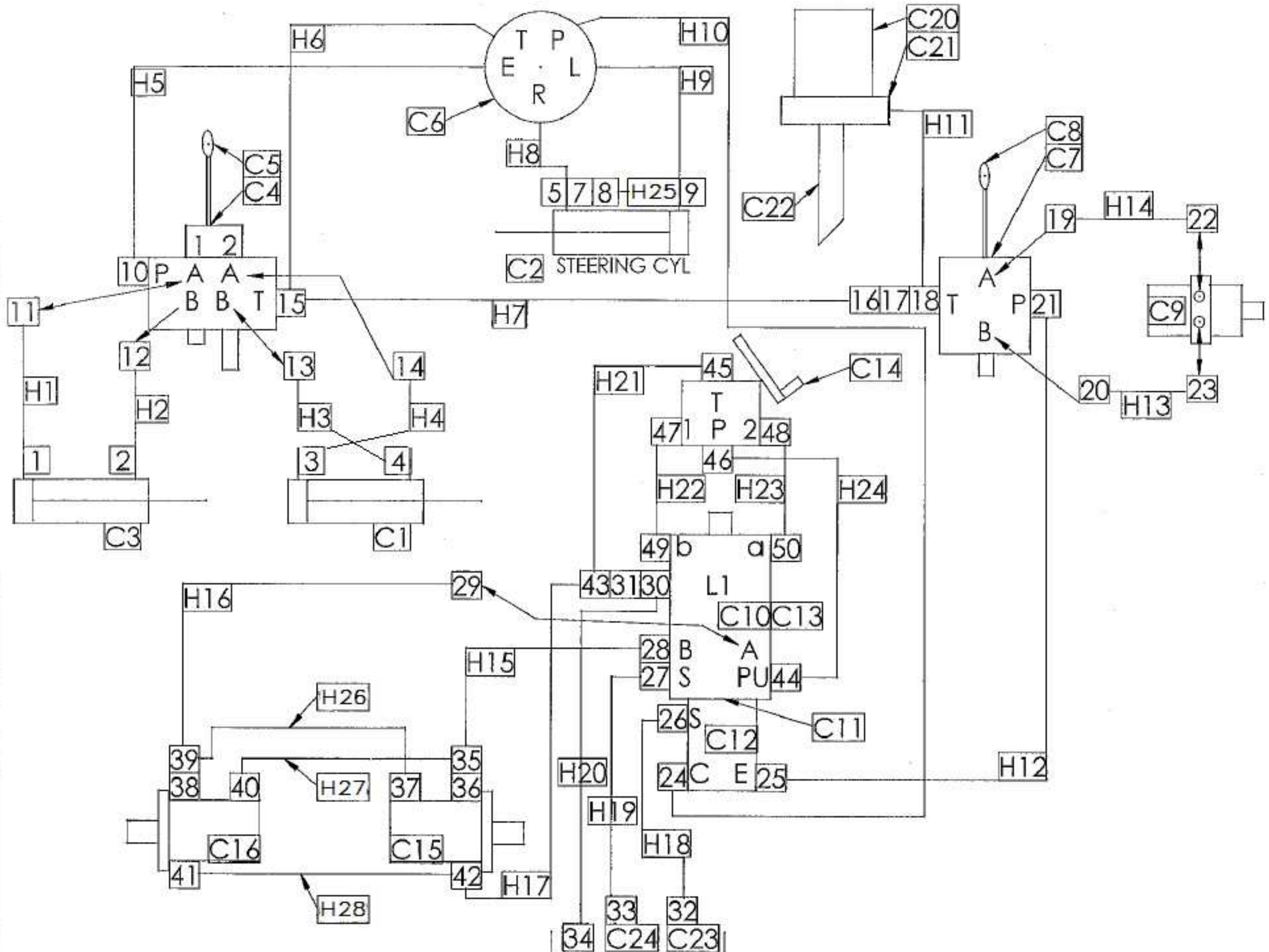
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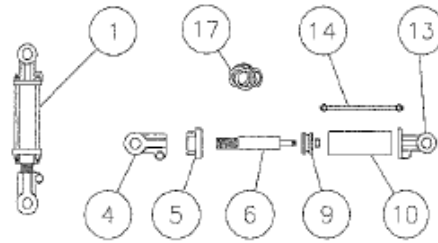


## Hydraulic Components

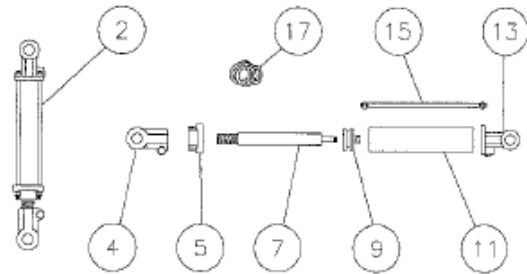
Ref#	Part#	Qty	Description
C01	389753	1	Cylinder 2" X 4" Boom Lift
N/S	390233	1	Seal Kit For 389753
C02	389754	1	Cylinder 2" X 8" Steering Cylinder
N/S	390233	1	Seal Kit For 389754
C03	389755	1	Cylinder 2" X 10" Broom L & R
N/S	390233	1	Seal Kit For 389755
C04	389743	1	Valve, 2 Spool W/Joystick
C05	389746	1	Handle Two Spool
C06	389714	1	Steering Unit
N/S		1	Steering Unit Seal Kit
C07	389745	1	Single Spool Valve
C08	389744	1	Valve Handle
C09	389750	1	Broom Drive Motor SN# 201219 and <
	390130	1	Broom Drive Motor SN# 201220 and >
N/S	389762	1	Sight Gauge, Hydraulic Tank
C10	389848	1	Pump, Piston
N/S	390196	1	Seal Kit, Piston Pump
C11	305910	1	Gasket, Gear Pump
C12	355009	1	Pump, Gear
C13	387303	1	Filter Charge
C14	389775	1	Valve, Foot Pedal
C15 &C16	389719	1	Wheel Drive Motor SN# 201221 and <
C15 &C16	390122	1	Wheel Drive Motor SN# 201222 and >
C20	389793		Filter, Tank Mounted Return
C21			Filter Head, Tank Mounted Return
C22	389983	1	Tube, Filter Return
C23	389788	1	Strainer
C24	389799	1	Strainer
N/S		1	Broom Drive Motor Key 5/16 X 5/16 SN# 201219 and <
N/S		1	Broom Drive Motor Key 5/16 X 1/4 SN# 201220 and >

# Hydraulic Cylinder Parts

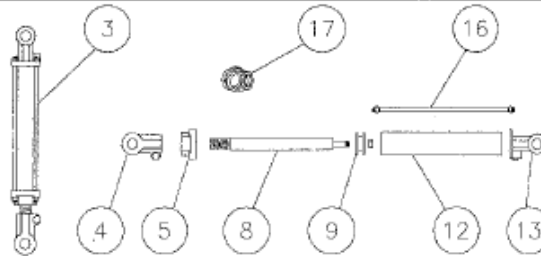
**2" X 4" CYLINDER**



**2" X 8" CYLINDER**



**2" X 10" CYLINDER**



Ref#	Part#	Qty	
1	389753	1	Cylinder 2 x 4 Lift
2	389754	1	Cylinder 2 x 8 Steering
3	389755	1	Cylinder 2 x 10 Angle
4		1	Rod Clevis
5		1	Head
6		1	Rod 4" Stroke
7		1	Rod 8" Stroke
8		1	Rod 10" Stroke
9		1	Piston
10		1	Barrel 4" Stroke
11		1	Barrel 8" Stroke
12		1	Barrel 10" Stroke
13		1	Base
14		4	Tie Rod 4" Stroke
15		4	Tie Rod 8" Stroke
16		4	Tie Rod 10" Stroke
17	390233	1	Seal Kit for all three cylinders

## Hydraulic Fittings

Ref#	Part#	Qty	Description
1	386635	1	Adapter
2	386635	1	Adapter
3	386635	1	Adapter
4	386635	1	Adapter
5	389823	1	Adapter
6			
7	389828	1	Adapter
8	434277	1	Adapter
9	389823	1	Adapter
10	389494	1	Adapter
11	389916	1	Adapter
12	389493	1	Adapter
13	389493	1	Adapter
14	389916	1	Adapter
15	389499	1	Adapter
16	389872	1	Adapter
17	389834	1	Adapter
18	389825	1	Adapter
19	389824	1	Adapter
20	389824	1	Adapter
21	389825	1	Adapter
22	389826	1	Adapter
23	389826	1	Adapter
24	389827	1	Adapter
25	389494	1	Adapter
26	389500	1	Adapter
27	389886	1	Adapter
28	389503	1	Adapter
29	389503	1	Adapter
30	389829	1	Adapter
31	389830	1	Adapter
32	389500	1	Adapter
33	389500	1	Adapter
34	389497	1	Adapter
35	389499	1	Adapter
36	389487	1	Adapter
37	389495	1	Adapter
38	389499	1	Adapter
39	389487	1	Adapter
40	389495	1	Adapter
41	389501	1	Adapter SN# 201221 and <
	389820	1	Adapter SN# 201222 and >
42	389498	1	Adapter
43	389819	1	Adapter
44	389835	1	Adapter

## Hydraulic Fittings

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45	389840	1	Adapter
46	386556	1	Adapter
47	386635	1	Adapter
48	386635	1	Adapter
49	389820	1	Adapter
50	384820	1	Adapter



## Hydraulic Hoses

Ref#	Part#	OL Length	Description
HO1	390031	42.25	Broom Right Hose
HO2	390035	33	Broom Left Hose
H03	390039	62.5	Broom Lower Hose
H04	390043	53.5	Broom Lift Hose
H05	390048	19	Pressure to 2 Spool
H06	390052	15	Steering Motor Return
H07	390055	17.25	Valve To Valve Return
H08	390058	79.25	Steering Cylinder Return
H09	390061	69.5	Steering Cylinder Pressure
H10	390064	58.5	Steering Control Pressure
H11	390067	8.25	Valve Return To Filter Head
H12	390070	63.5	Pressure To Valve
H13	390073	108.75	Broom Motor Pressure
H14	390076	105.75	Broom Motor Return
H15	390079	24.25	SN# 201221 and < Pump To Motor
	390245	24"	SN# 201222 and > Pump To Motor
H16	390079	24.25	SN# 201221 and < Pump To Motor
	390245	24"	SN# 201222 and > Pump To Motor
H17	390085	20.5	SN# 201221 and < Pump To Motor
	390248	18.00	SN# 201222 and > Pump To Motor
H18	390088	12.75	Pump To Tank
H19	390091	17	Pump to Tank
H20	390094	19.75	Pump to Tank
H21	390097	33.5	Foot Valve To Pump
H22	390100	30.25	Foot Valve To Pump
H23	390100	30.25	Foot Valve To Pump
H24	390106	30.5	Foot Valve To Pump
H25	390109	14.25	Steering Cylinder To Valve
H26	390112	20.75	SN# 201221 and < Motor to Motor
	390239	11.25	SN# 201222 and > Motor to Motor
H27	390112	20.75	SN# 201221 and < Motor to Motor
	390239	11.25	SN# 201222 and > Motor to Motor
H28	390118	29.25	SN# 201221 and < Motor to Motor
	390242	14.00	SN# 201222 and > Motor to Motor

# Engine - Related Parts

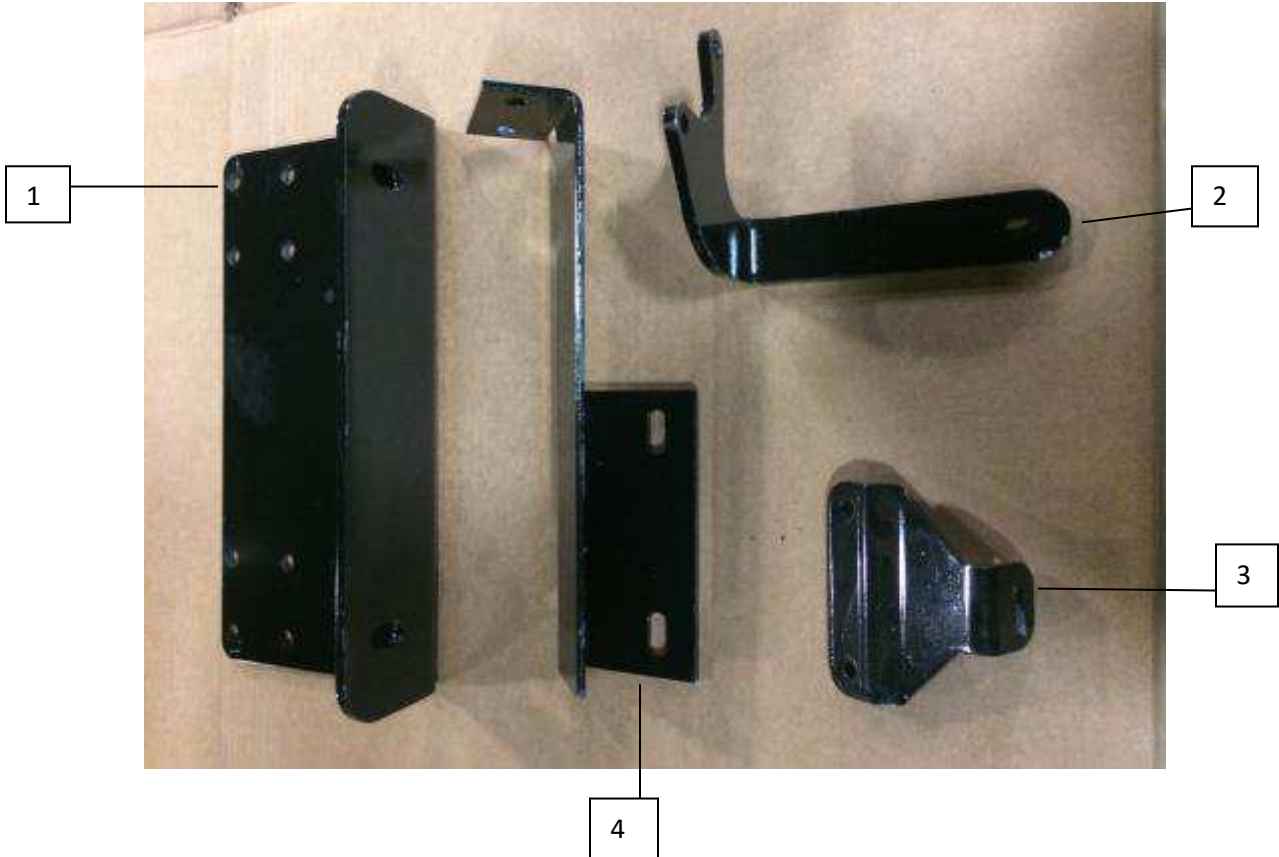


## Engine - Related Parts

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Ref#	Part#	Qty	Description
1	389892	1	Radiator Assembly
2	387914	1	Fan Shroud
3	387903	1	Fan Guard
4	41475	1	Petcock Valve 1/4
5	450353	16	Elevator Bolt
6	440636	16	Nut
7	389919	1	Lower Radiator Support
8	83519	1	Bolt
9	389918	2	Washer
10	389917	2	Isolation Mount, Lower Radiator
11	389535	2	Nut
12	387297	1	Radiator Cap 16 psi
13	389928	4	Rubber Radiator Seal
14	389926	2	Side Radiator Shroud
15	389927	2	Upper & Lower Radiator Shroud
N/S	389972	1	Upper Radiator Hose
N/S	390032	1	Lower Radiator Hose

# Engine - Related Parts



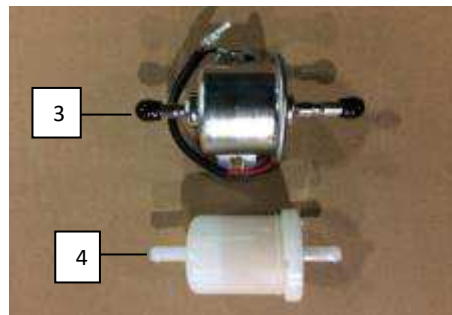
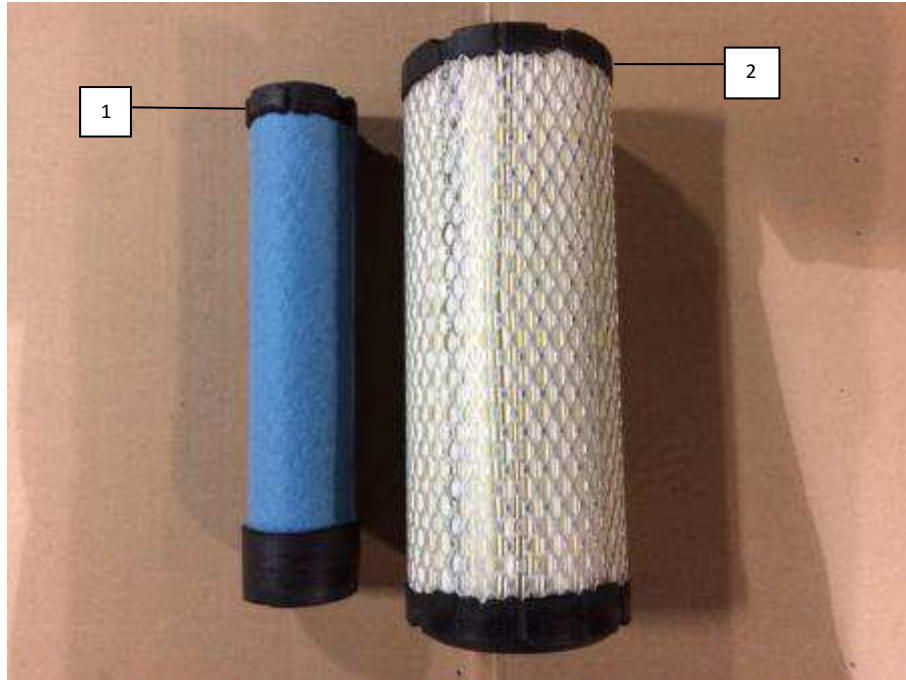
## Engine - Related Parts

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Ref#	Part#	Qty	Description
1	389949	1	Engine Mount Left
	389949	1	Engine Mount Right
2	389922	1	Top Radiator Support
N/S	389742	1	Isolator Rubber
3	389923	1	Shroud Support
4	389930	1	Muffler Support
5	389740	1	Battery Hold Down
6	390045	1	Battery Tray
7	35394	2	Battery Bolt
N/S	93799	2	Battery Bolt Nut Nylock

## Engine - Related Parts

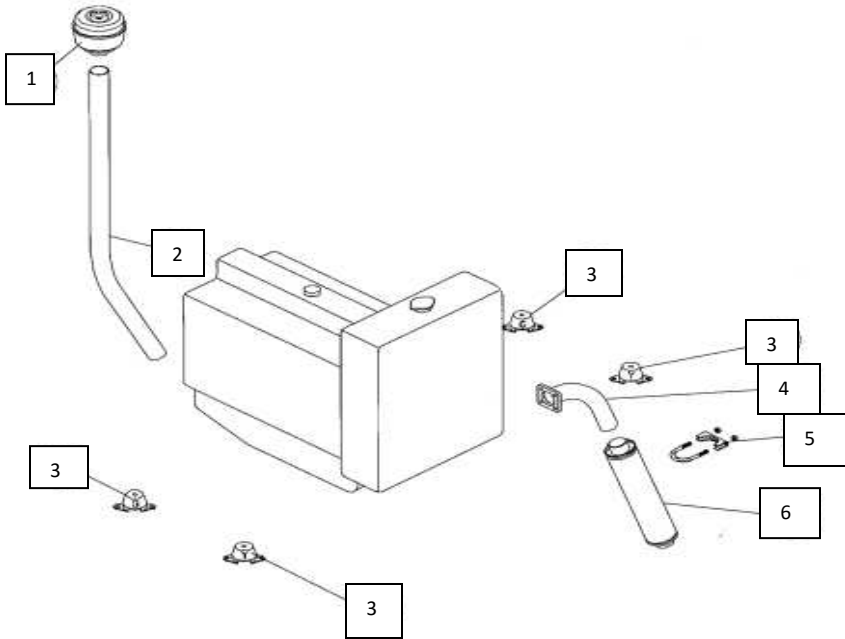
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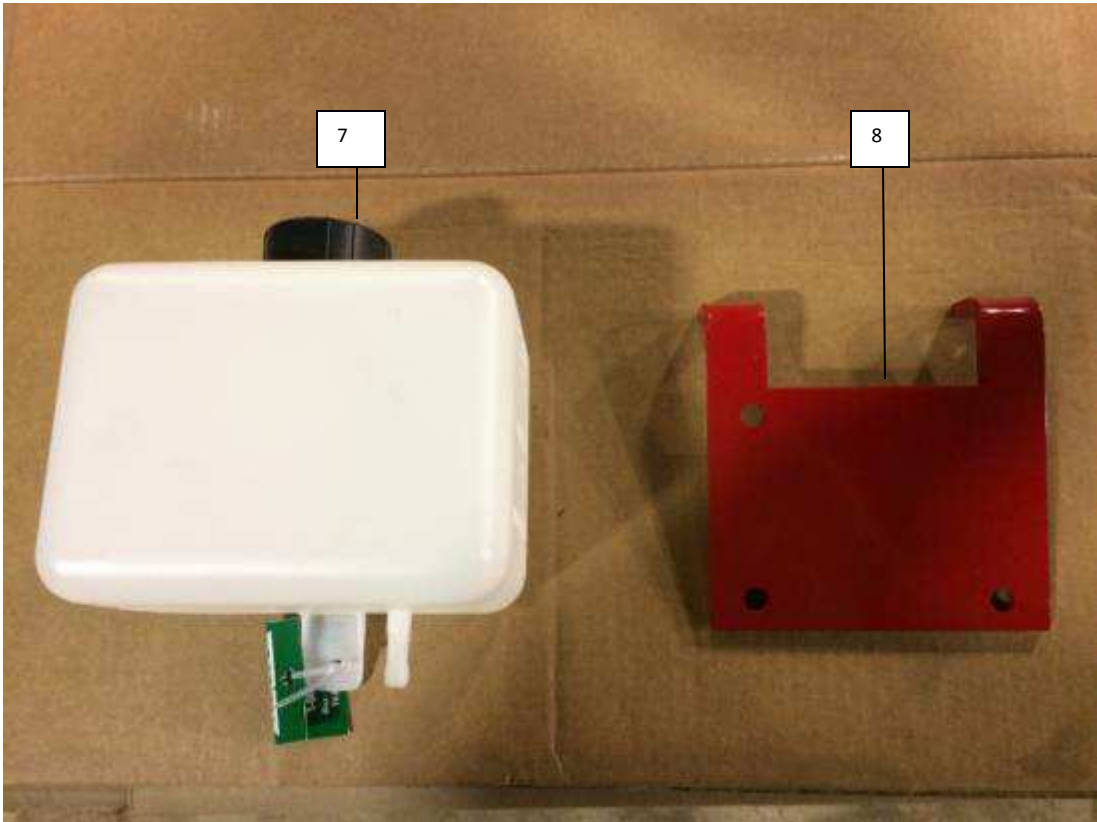
Ref	Part#	Qty	Description
1	390174	1	Inner Air
2	390171	1	Outer Air
3	390210	1	Fuel Pump
4	390160	1	In Line Fuel Filter

# Engine - Related Parts

## ENGINE-RELATED PARTS



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## Engine - Related Parts

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Ref#	Part#	Qty	Description
1	389779	1	Pre cleaner
2	389679	1	Air Inlet Tube
3	389781	4	Isolator, Engine Mount
4	390017	1	Header Pipe
5	477487	1	Muffler Clamp To Bracket
6	389741	1	Muffler
7	389874	1	Tank, Overflow
8	390016	1	Radiator Overflow Bracket

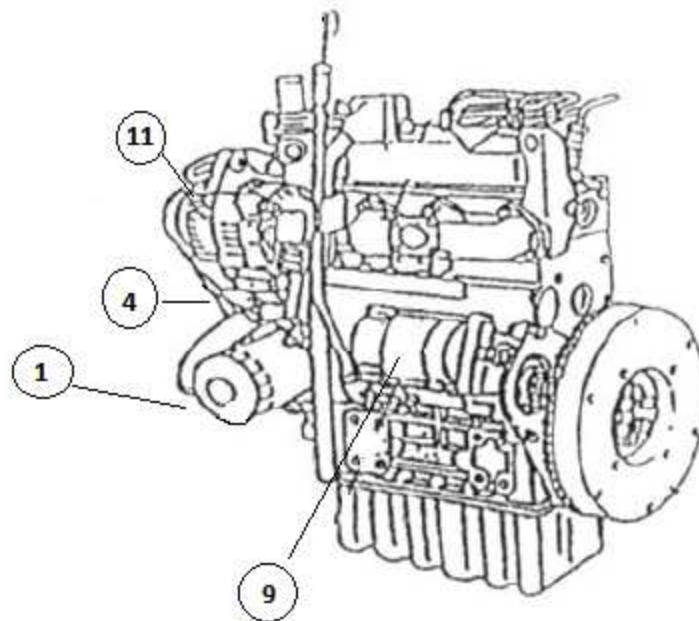
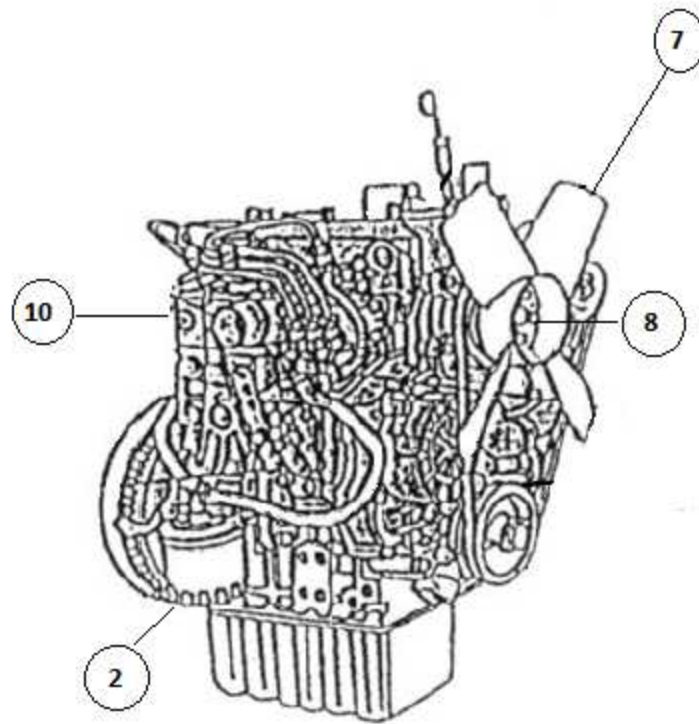


## Engine - Related Parts



Ref#	Part#	Qty	Description
1	389985	2	Air Cleaner to Engine
N/C	378448	1	Metal Tube Insert
N/C	41848	4	Clamp
2	389962	1	Air Cleaner to pre cleaner tube
3	389972	1	Upper Radiator Hose
4	390032	1	Lower Radiator Hose

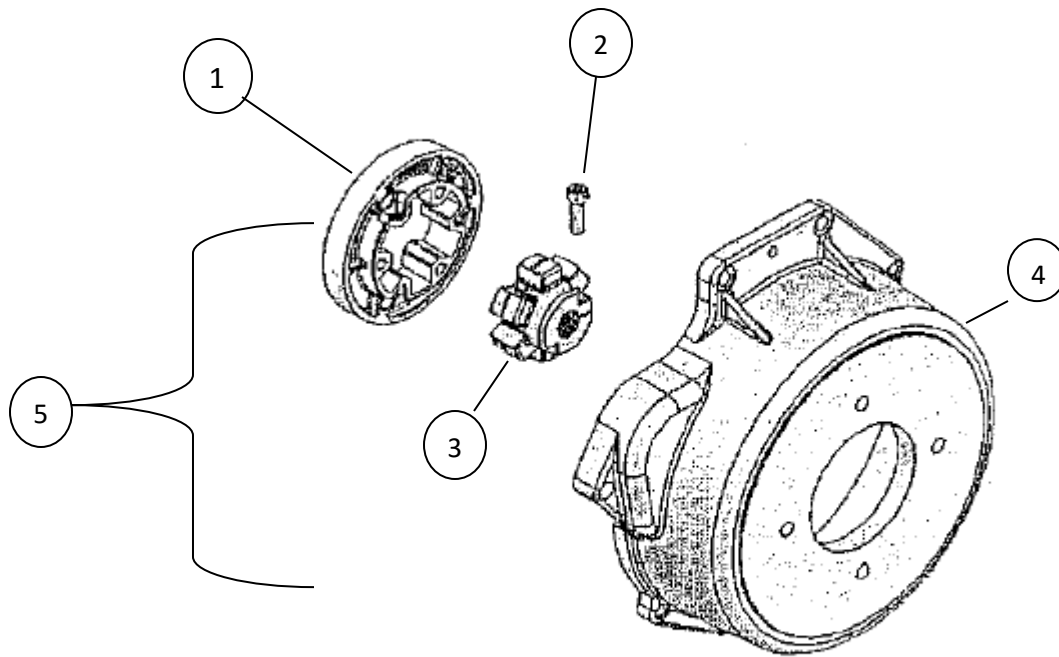
## ENGINE EXTERNAL PARTS





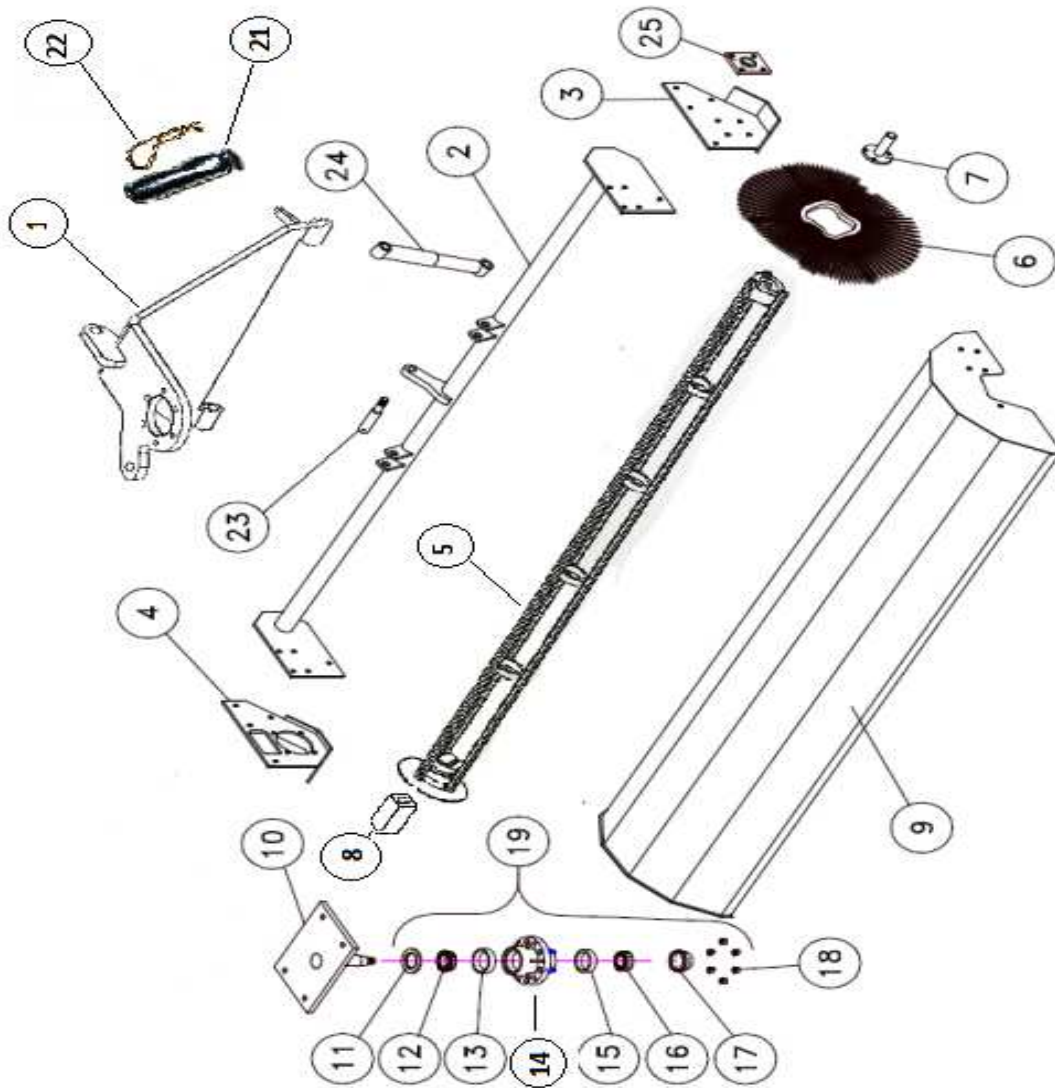
## Flywheel Housing & Drive Coupler

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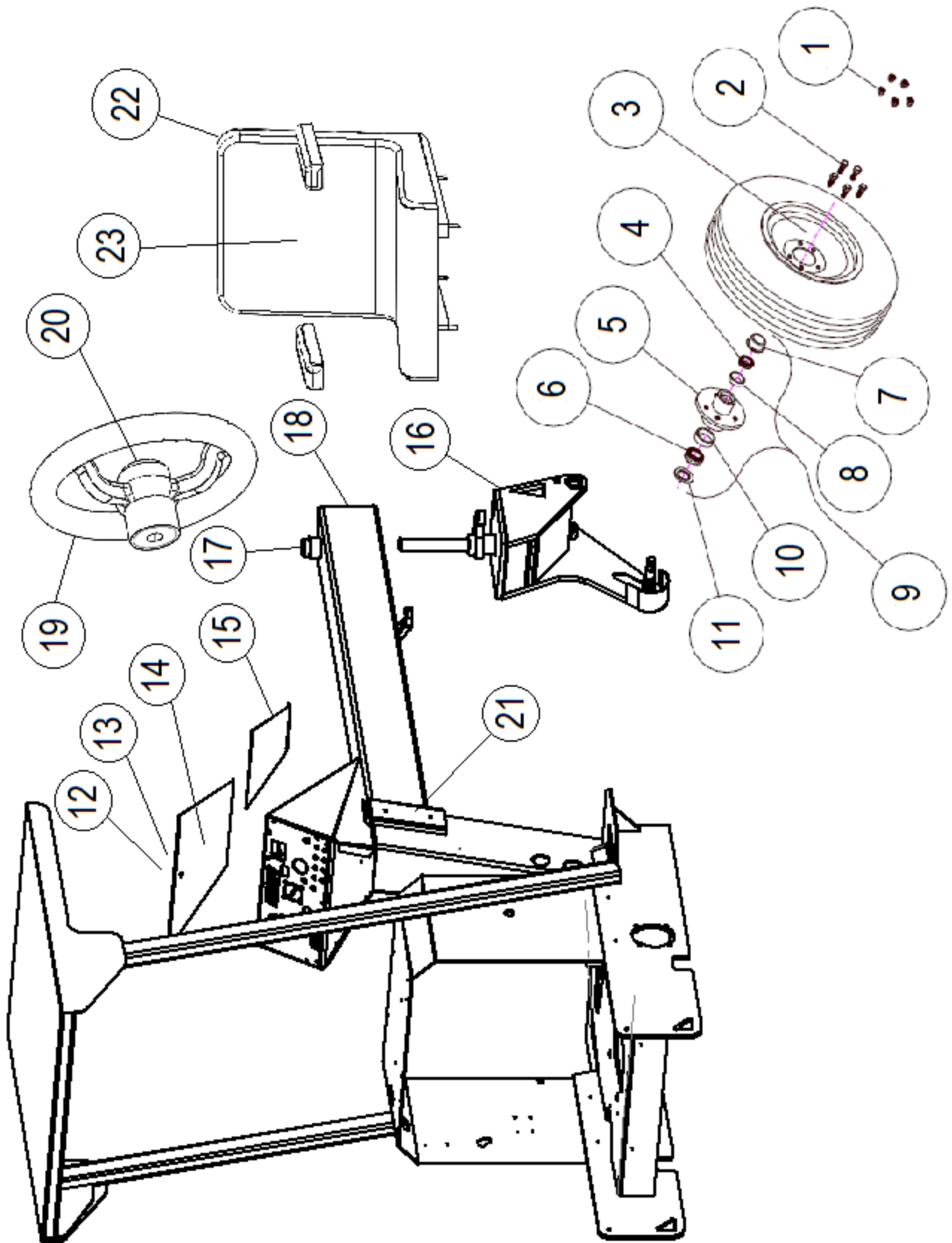
Ref#	Part#	Qty	Description
1			
2			Metric Allen Screw 8X30
3			
4			
5	389667	1	Kubota Pump Mount Kit (Qty 1 thru 4)

# Broom Core Parts



## Broom Core Parts

Ref#	Part#	Qty	Description
1	389652	1	Core Hanger
2	390033	1	Core Support Frame
3	389671	1	Core Frame End Plate
4	389670	1	Core Motor Mount - Left Side
5	389657	1	Broom Core
6	389669	1	Wafer, Black Poly Convuluted - Kit of Qty 50
	390218	1	Half Poly / Half Wire - Kit of Qty 50
7	389661	1	Core Drive End Shaft
8	389674	1	Broom Drive Block
9	850138	1	Core Shield
10	390029	1	Kit, Includes Item 10, Cotter Pin, Nut, & 4 Bolts, Washers and Nuts
11	390151	1	Grease Seal
12	390156	1	Inside Bearing Cone
13	390161	1	Inside Bearing Cup
15	390169	1	Outside Bearing Cup
16	390164	1	Outside Bearing Cone
17	344115	1	Dust Cap
18	344116	6	Hub Lug Nut
19	389723	1	Hub Core Hanger Complete
N/S	390189	1	Broom Cylinder Lock Out
N/S	67025	1	Pin Snapper Lock
21	001407	2	Pin Core Hanger to Core Frame
22	15768	4	Hair Pin
23	389852	1	Core Shock Pin
24	389853	1	Core Shock
25	389751	1	Core End Bearing



## Frame and Associated Parts

Ref#	Part#	Qty	Description
1	390209	10	Lug, Nuts Rear Wheel
2		5	Studs, Front Wheel
3	389725	1	Front Tire & Wheel
4	390206	1	Cone, Outer Front Hub
5	N/S	1	Hub, Front Wheel
6	390203	1	Cone, Inner Front Hub
7	390198	1	Cap, Front Hub
8	471391	1	Cup, Outer Front Hub
9	389726	1	Hub, Assembly Parts 7 Thru 11
10	390200	1	Cup, Inner Front Hub
11	390151	1	Seal, Front Wheel Hub
12	389974	1	Dash Latch
13	389988	1	Dash Latch Key
14	389850	1	Dash Top Cover
15	389849	1	Dash Top
16	390012	1	Steering Spindle Assembly
17	389733	1	Dust Cap Rubber
18	389929	1	Front Plate Cover
19	304092	1	Steering Wheel
20	304093	1	Steering Wheel Cap
21	389950	1	Hose Cover
22	389729	1	Seat Assembly
23	389859	1	Manual Holder
N/S	389774-S	A/R	Red Paint Spray Can
N/S	389774	A/R	Red Paint Gallon
N/S	439182	1	Fuel Cap
N/S	389961	1	Fuel Hose - 201176 SN# And Below
N/S	389883	1	Fuel Neck - 201176 SN# and Below
N/S	389728	1	Seat Belt
N/S	390014	1	Floor Mat



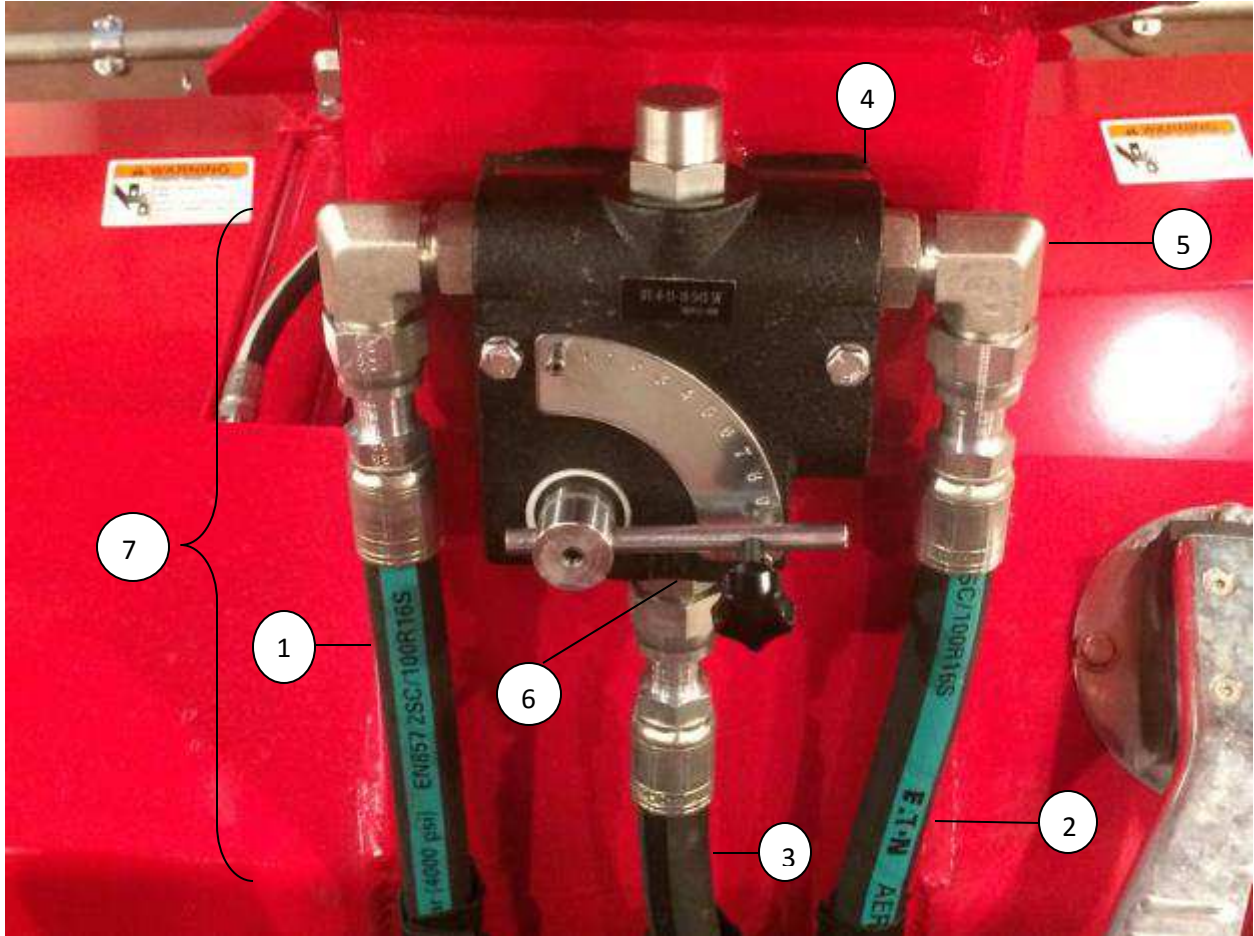
## Gauges, Switches And Lights



## Gauges, Switches and Lights

Ref#	Part#	Qty	Description
1	389765	1	Pre Heat S/W
2	389854	1	Fuel Gauge
N/S	389855	1	Fuel Level Sender
N/S	31864	1	Fuel Level Sender Gasket
3	389857	1	Hour meter Gauge
4	389879	1	Throttle Cable
N/S	389735	1	Throttle Cable Lug
5	389858	1	Light S/W Rear
6	389858	1	Light S/W Front
7	389858	1	Light S/W Beacon
8	389858	1	Light S/W Hazard
9	389858	1	Water Spray S/W
10	389858	1	Horn S/W
11	389856	1	Warning Light Oil
12	389856	1	Warning Light Water
13	389856	1	Warning Light Alternator
14	389858	1	Warning Light Brake
15	389766	1	Ignition S/W
N/S	390225	1	Ignition Key
16	390252	1	Turn Signal S/W
N/S	389864	1	Negative Battery Cable
N/S	389863	1	Positive Battery Cable
N/S	179564	1	Ground Strap
N/S	389768	1	Flasher LED
N/S	389860	1	Main Wiring Harness
N/S	403311	1	Circuit Breaker
N/S	390027	1	Water Temp Sender
N/S	389770	1	Reverse Alarm
N/S	389767	1	Fuse Holder
N/S	389773	1	Battery 24

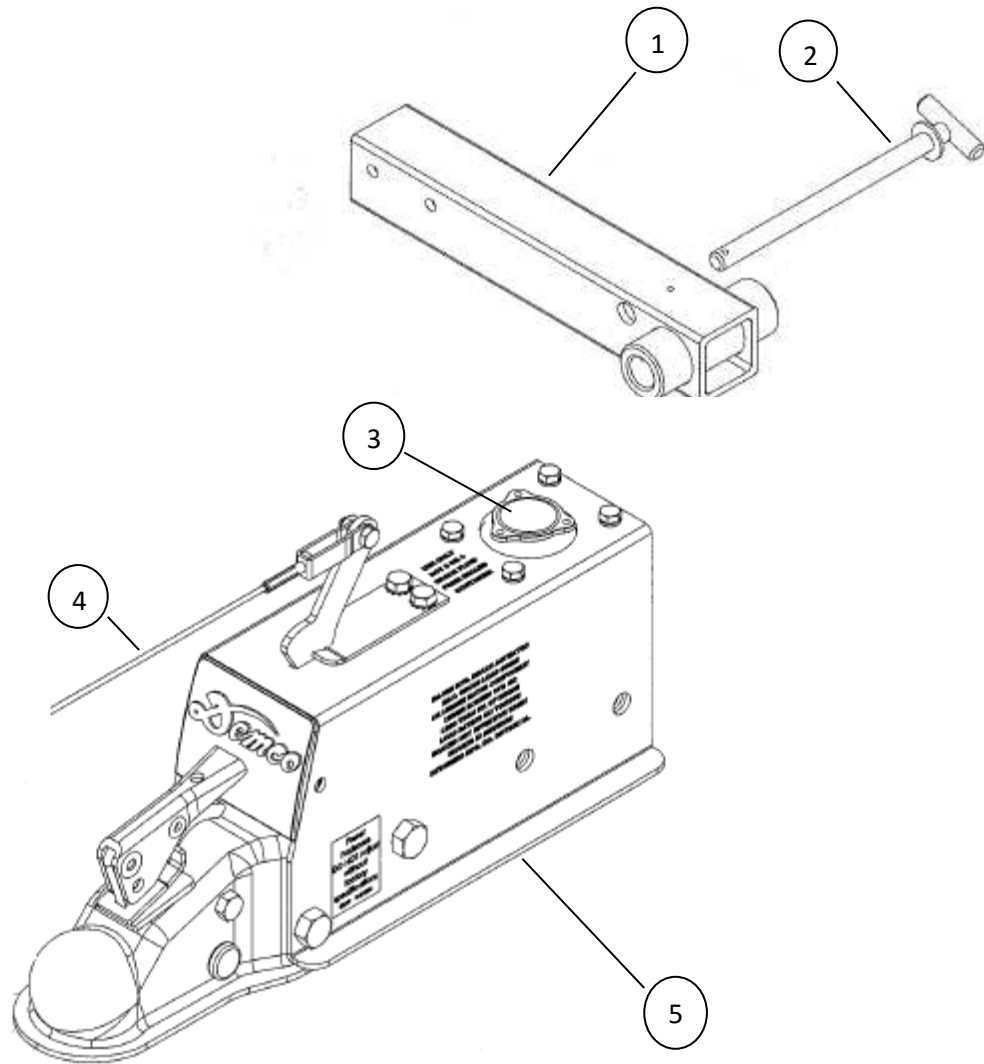
## Variable Broom Control



Ref#	Part#	Qty	Description
1	390147	1	Hose, Broom Valve Pressure
2	390149	1	Hose, Return
3	390148	1	Hose, Pressure Inlet
4	390135	1	Variable Speed Broom Valve
5	390128	2	Adapter, ORFS - O-Ring 90 X - 10
6	389827	1	Adapter
N/S	390137	1	Adapter, Tee Mounted On Hydraulic Tank
7	390140	1	Variable Broom Control Kit
N/S	390167	1	Variable Broom Speed Decal

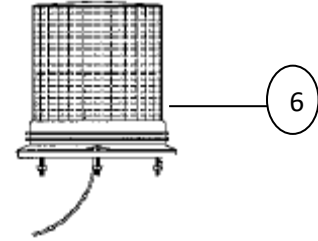
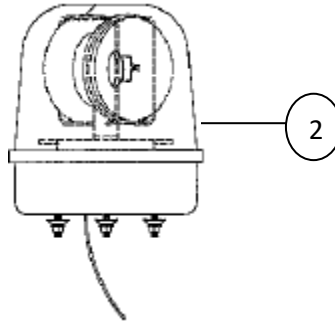
# Tow Bar

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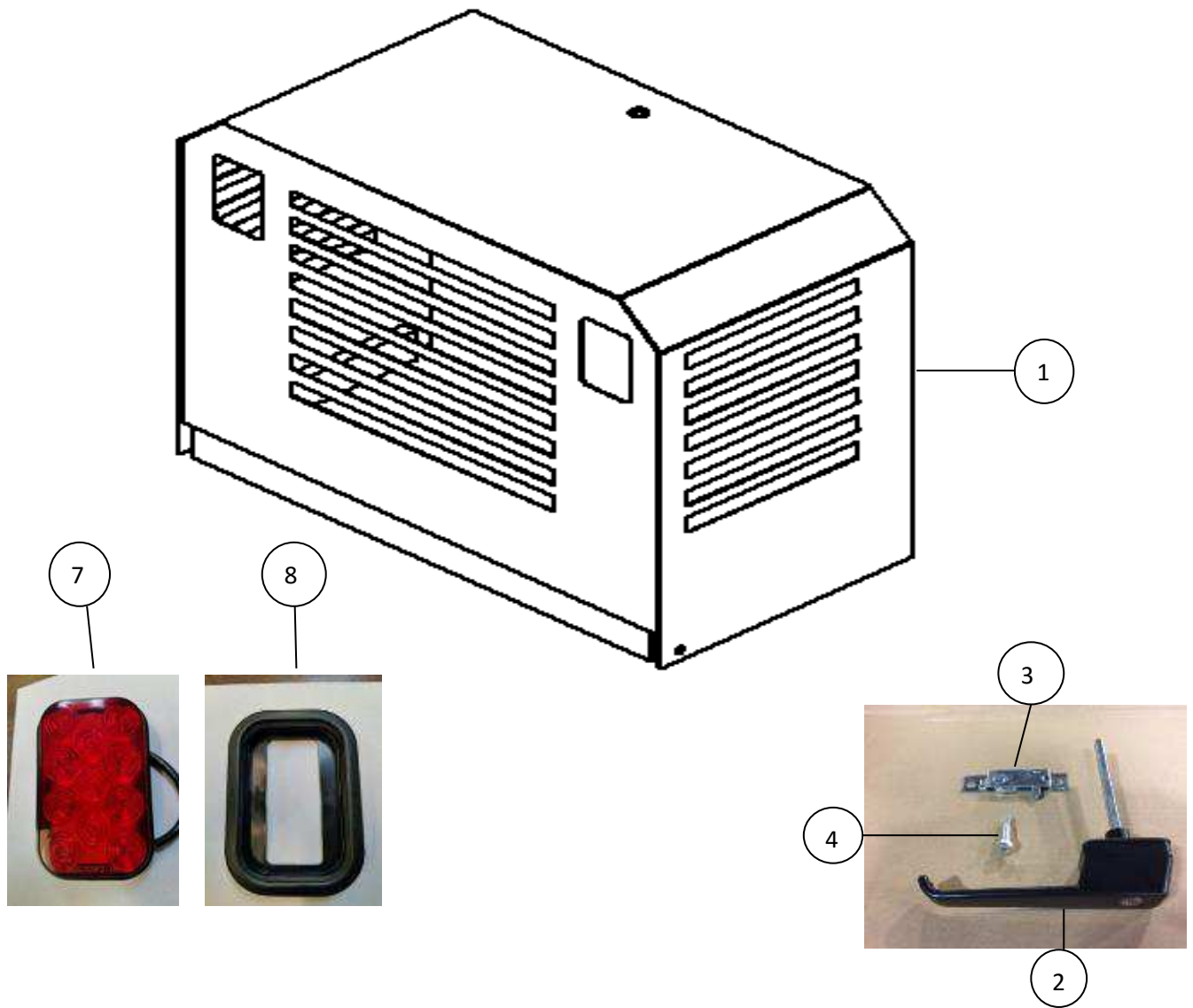
Ref#	Part#	Qty	Description
1	390080	1	Tow Bar Standard
2	389971	1	Tow Pin
3	390074	1	Master Cylinder Cap
4	390083	1	Cable 28"
5	389720	1	Brake Actuator 2" Ball
N/S	389757	1	Chain Tow Hitch
N/S	389756	1	Chain Tow Hook

## Optional Equipment



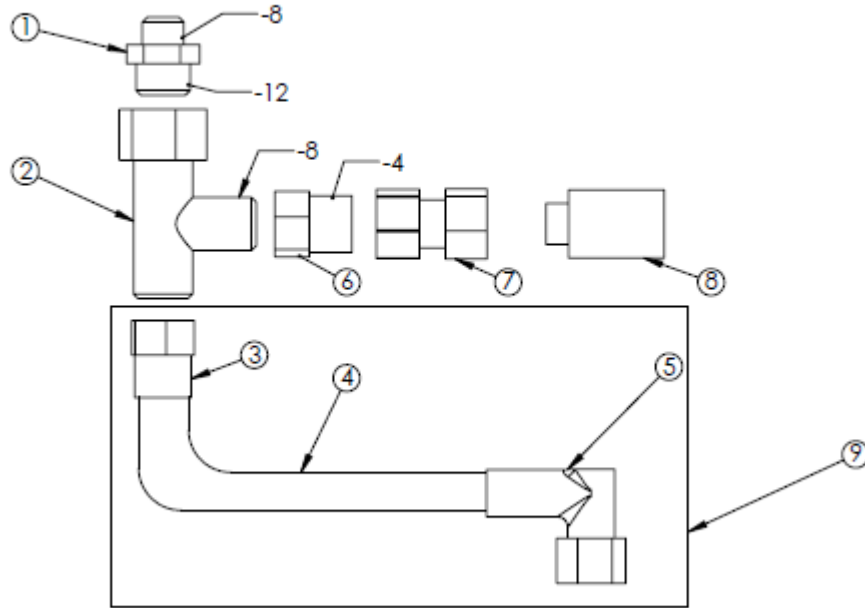
Ref#	Part#	Qty	Description
1	390212	2	Grab Handle
2	390157	1	Rotating Beacon
3	389986	1	Actuator, Four Hole Adjustable
4	389993	1	Pintle Eye Tow Ring
5	390081	1	Extended Tow Bar
6	390104	1	Strobe Light
N/S	390096	1	Rear Work Light Kit
N/S	390089	1	Front Work Light Kit
N/S	390152	1	Bulldog Coupler 2-5/16"
N/S	390095	1	Bulldog Coupler 2"
N/S	390227	1	Tail Pipe
N/S	390072	1	Horn Kit
N/S	390114	1	Turn Signal Kit
N/S	390189	1	Broom Cylinder Lock Out
N/S	67025	1	Pin Snapper Broom Cylinder Lock Out

# Hood Assembly



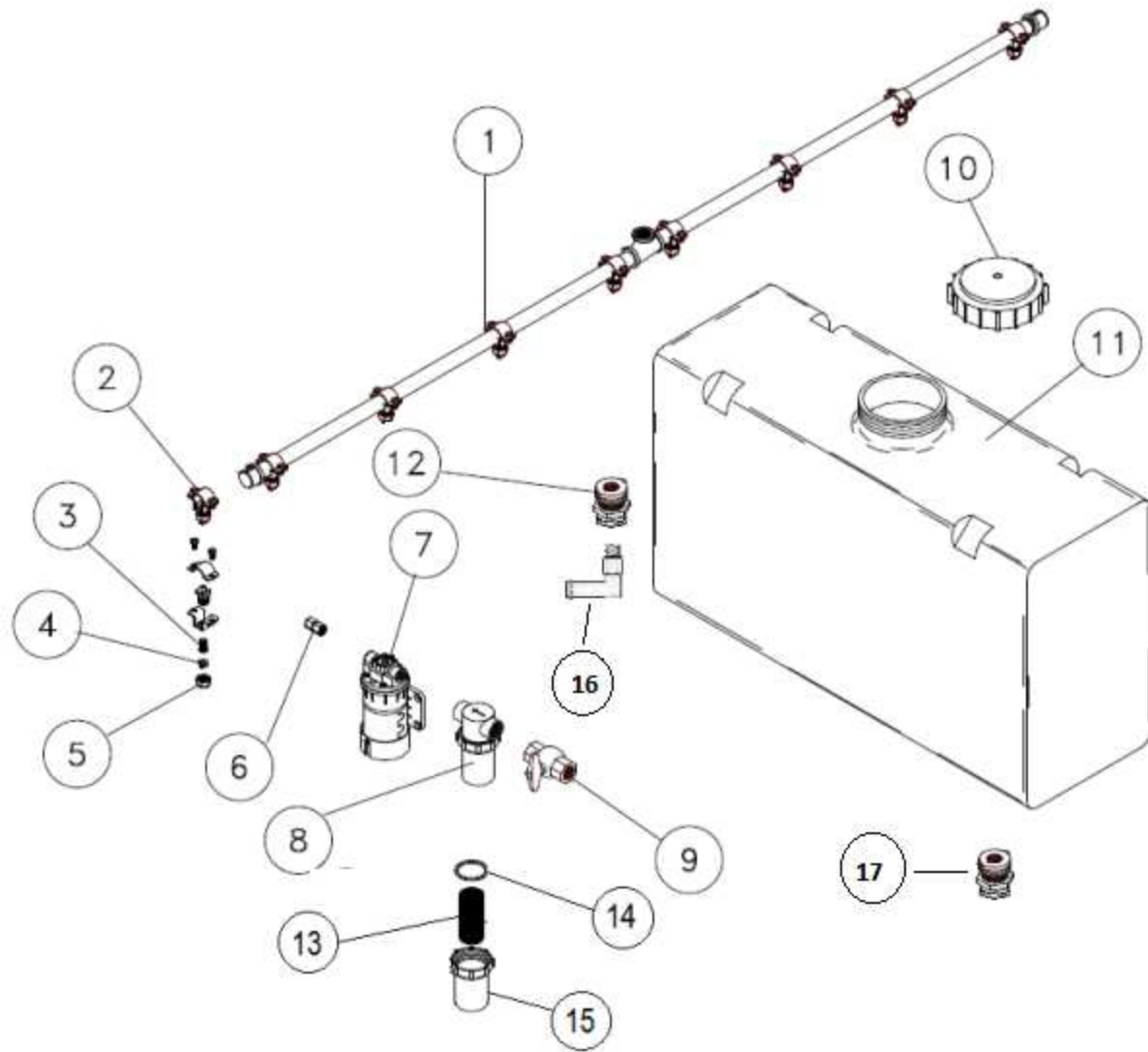
Ref#	Part#	Qty	Description
1	389995	1	Hood
2	389965	1	Hood Handle
3	389966	1	Hood Latch
4	389967	1	Striker Bolt
N/S	389992	1	Handle Key
N/S	389878	1	Tail Light Harness
7	389867	2	Light LED
8	389868	2	Light Grommet
N/S	66712	A/R	Adhesive Wire Tie Tab
N/S	97758	2	1/2X2 Grade 8 Hood Bolt
N/S	403907	2	1/2 Nylock Nut Hood

# Hub Warning Kit



Ref#	Part#	Qty	Description
1	46938	1	Adapter
2	93203	1	Adapter, Tee
3	93021	1	Coupling
4	25437	1	Hose
5	389473	1	Hose End
6	390120	1	Adapter, Coupler
7	390113	1	Adapter, Coupler
8	475889	1	Switch, Pressure - 12V
9	390176	1	Reverse Loop Hose - BW260 Tow Warning Kit
10	390110	1	Hub Warning Kit Assembly

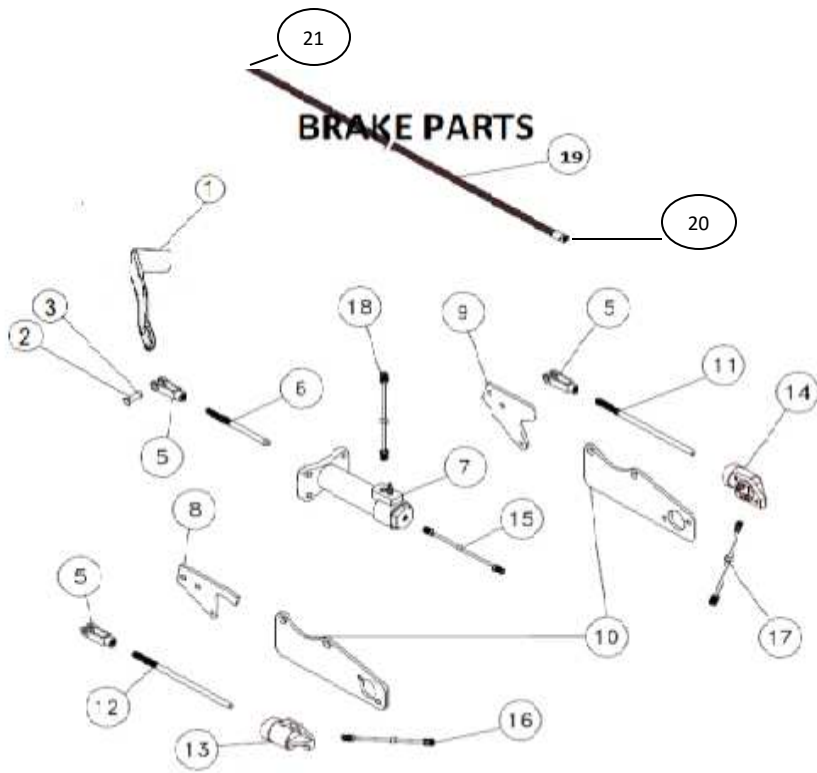
## WATER SPRAY SYSTEM





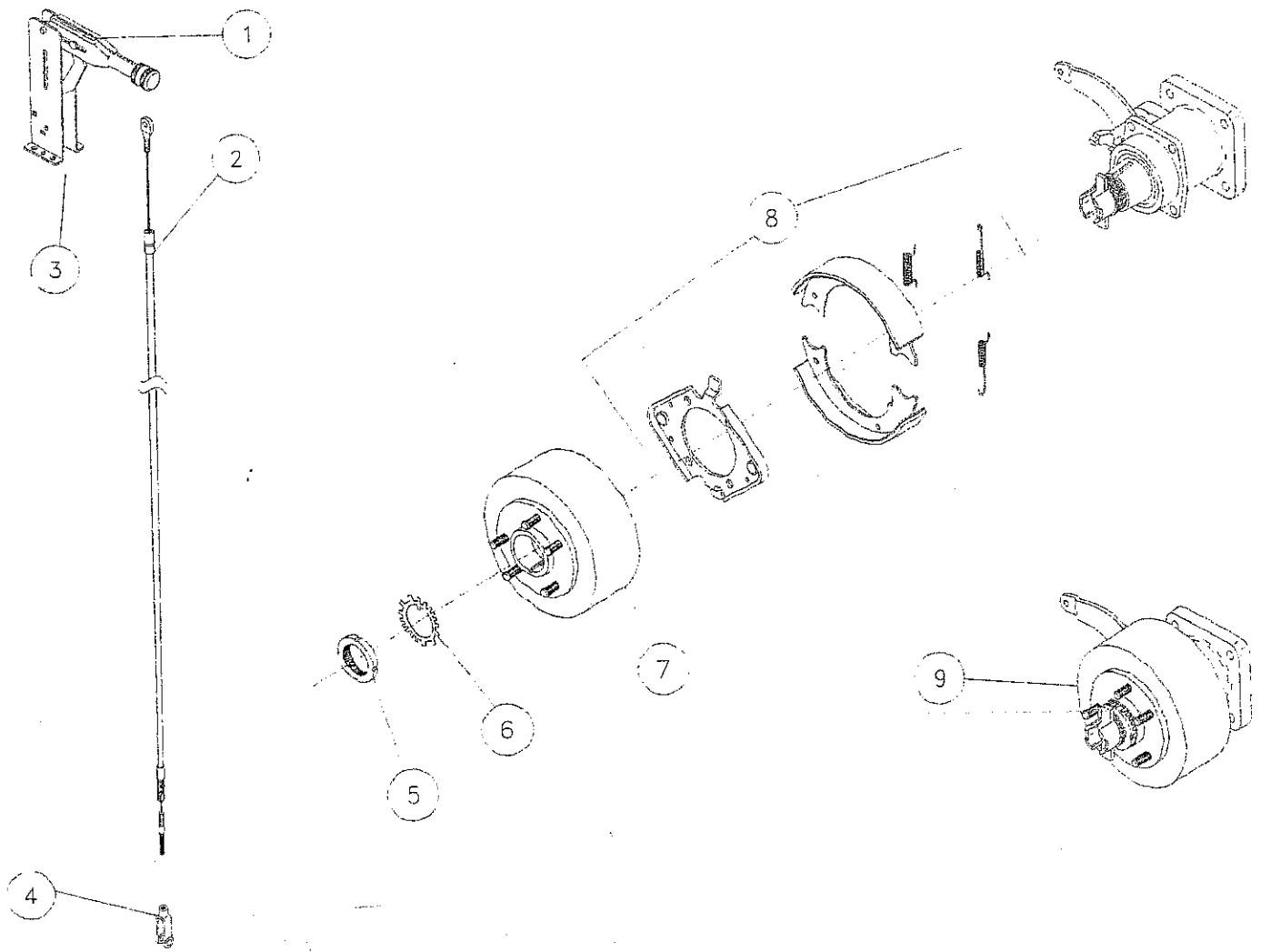
## Sprinkler System

Ref#	Part#	Qty	Description
1		1	Spray Bar Complete
2	389803	8	Spray Nozzle Assy. Complete
3	389804	8	Nozzle Screen
4	389801	8	Spray Tip
5	389800	8	Spray Cap
6	389808	1	Back Flow Check Valve
7	390047	1	Water Pump
8	389802	1	Inline Strainer (complete) Plastic
9	389809	1	Ball Valve 3/4 (plastic)
10	389889	2	Filler Cap 6" Plastic
11	389947	2	Water Tank (complete) Poly
12	389813	2	Tank Adapter
13	390190	1	Strainer O-Ring
14	390187	1	Strainer
15	390193	1	Strainer Cap
16	389818	2	3/8 NPT Barbed 90 Deg
17	389806	2	3/4 NPT Plug
N/S	390044	4	Tank Strap



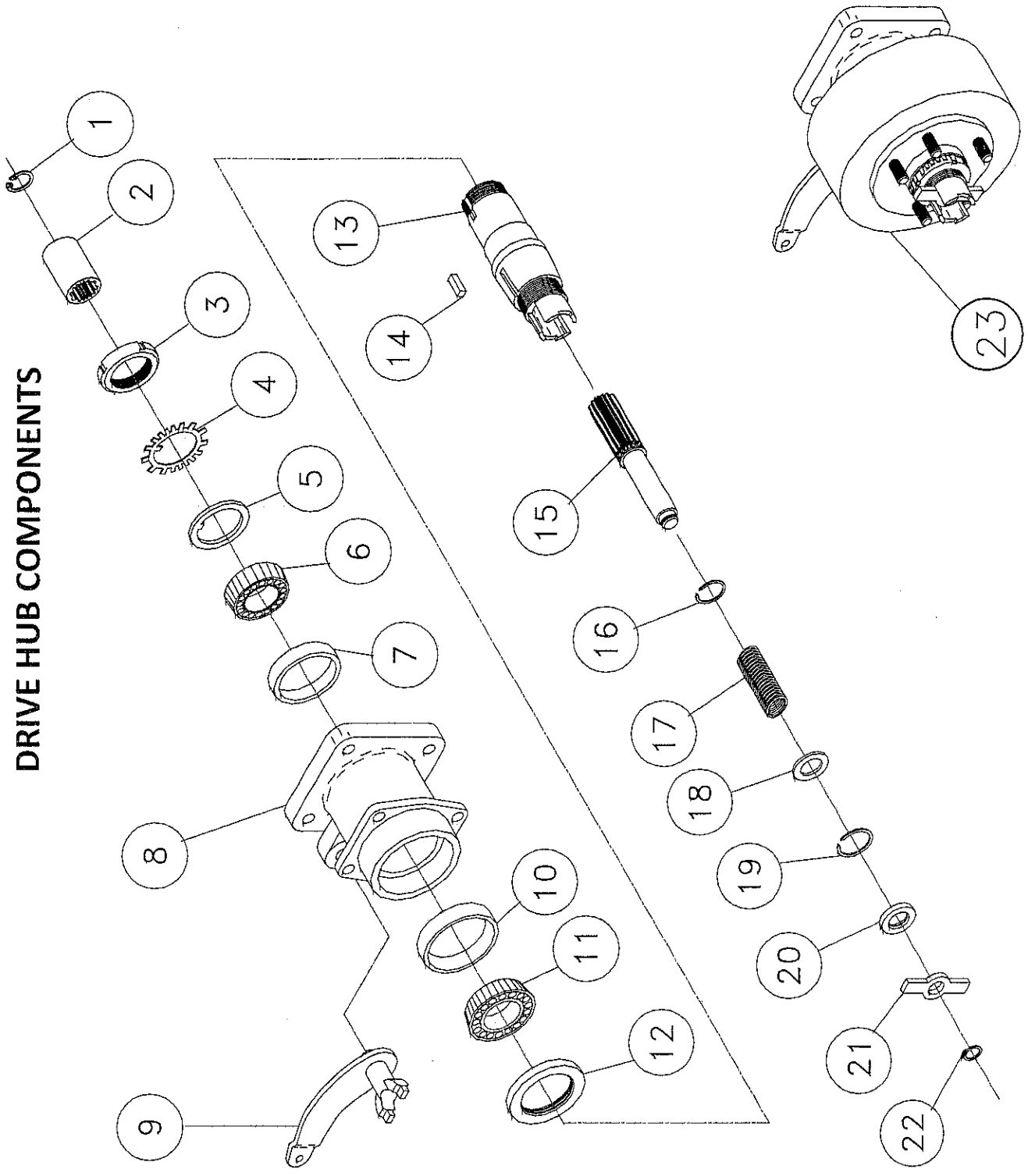
Ref#	Part#	Qty	Description
1	390026	1	Brake Pedal
2	25767	3	Pin
3	15248	3	Cotter Pin
5	31930	3	Clevis
6	202304	1	Brake Actuator Push Rod
7	447953	1	Master Cylinder
N/S	447987	1	Master Cylinder Kit
8	202444	1	Brake Cylinder Rod Plate, Left Side
9	202443	1	Brake Cylinder Rod Plate, Right Side
10	202441	1	Brake Cylinder Plate
11	202445	1	Brake Cylinder Push Rod, Right Side
12	202446	1	Brake Cylinder Push Rod, Left Side
13	389782	1	Brake Wheel Cylinder, Left
14	389785	1	Brake Wheel Cylinder, Right
15	390019	1	Brake Line 3/16 X 23
16	390020	1	Brake Line 3/16 X 42 1/2
17	390021	1	Brake Line 3/16 X 54
18	390107	1	Brake Line 3/16 X 7
19	389772	1	Brake Hose 1/4 X 7.85 FT
20	389752	1	Hose End, Brake
21	389847	1	Hose End, Brake

# BRAKE PARTS



Ref #	Part #	Qty	Description
1	389763	1	Parking Brake Lever
2	389784	2	Parking Brake Cable
3	387938	1	Park Brake Indicator Switch
4	031930	1	Clevis 3/8" X 3"
5	387932	1	Spanner Nut
6	387926	1	Lock Washer
7	387935	1	Brake Drum
8	387929	1	Brake Assembly
9	389710	1	Wheel Disconnect w / Brake

**DRIVE HUB COMPONENTS**



## Drive Hub Components

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Ref#	Part#	Qty	Description
1	387893	1	Snap Ring
2	387913	1	Coupler Sleeve
3	387932	1	Spanner Nut
4	387926	1	Lock Washer
5	387901	1	Tongued Washer
6	387898	1	Bearing Cone, Inner
7	387902	1	Bearing Cup, Inner
8	387931	1	Drive Hub Housing
9	389927	1	Brake Lever
10	387906	1	Brake Cup, Outer
11	387940	1	Bearing Cone, Outer
12	387934	1	Seal
13	387928	1	Spindle
14	387937	1	Key
15	387942	1	Shaft
16	387933	1	Snap Ring
17	387939	1	Spring
18	387943	1	Washer
19	387936	1	Snap Ring
20	387941	1	Seal
21	387944	1	Handle
22	387930	1	Snap Ring
23	389710	1	Wheel Disconnect W / Brake

# Decals



# Decals



## Decals

Ref#	Part#	Qty	Description
1	311155	1	Low Sulfur Fuel (Diesel Fuel)
2	Decal Kit	2	Water
3	Decal Kit	2	H2O Drain Tank For Towing
4	311169	1	Caution This Vehicle Does Not Conform
5	390102	2	"Parts and Service"
	Decal Kit	1	Caution
	Decal Kit	1	Made in USA
6	Decal Kit	2	Warning Unlock Left And Right Wheel Hubs
7	311093	1	Warning Don't Exceed 45 mph
	389991	1	Warning Don't Try To Back Machine
8	Decal Kit	1	Caution Hydraulic Oil
9	390116	1	Disengage Rear Hub
10	389895	2	Large Broce On Side
11	389893	2	BW260
12	390103	1	866-283-2759
	389793	1	Broce Rear Hood
13	Decal Kit	1	Warning Flying Object Hazard
14	Decal Kit	1	Warning Pinch Point Hazard
15	390167	1	Variable Broom Speed
16	Decal Kit	1	Caution Hydraulic Oil Only
17	389894	1	Dash Cover
18	Decal Kit	1	Caution Set Joystick
19	390101	1	Remove Cover
20	Decal Kit	1	ROPS Warning Right Side
21	Decal Kit	1	ROPS Warning Left Side
N/S	389896	2	Side Stripe (1 OF 2)
N/S	389897	2	Side Stripe (2 OF 2)
N/S	390185	1	American Flag
N/S	390041	1	Decal Kit
N/S -Not Shown			