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2025

SPARE PARTS MANUAL



MODEL XOR SERIES



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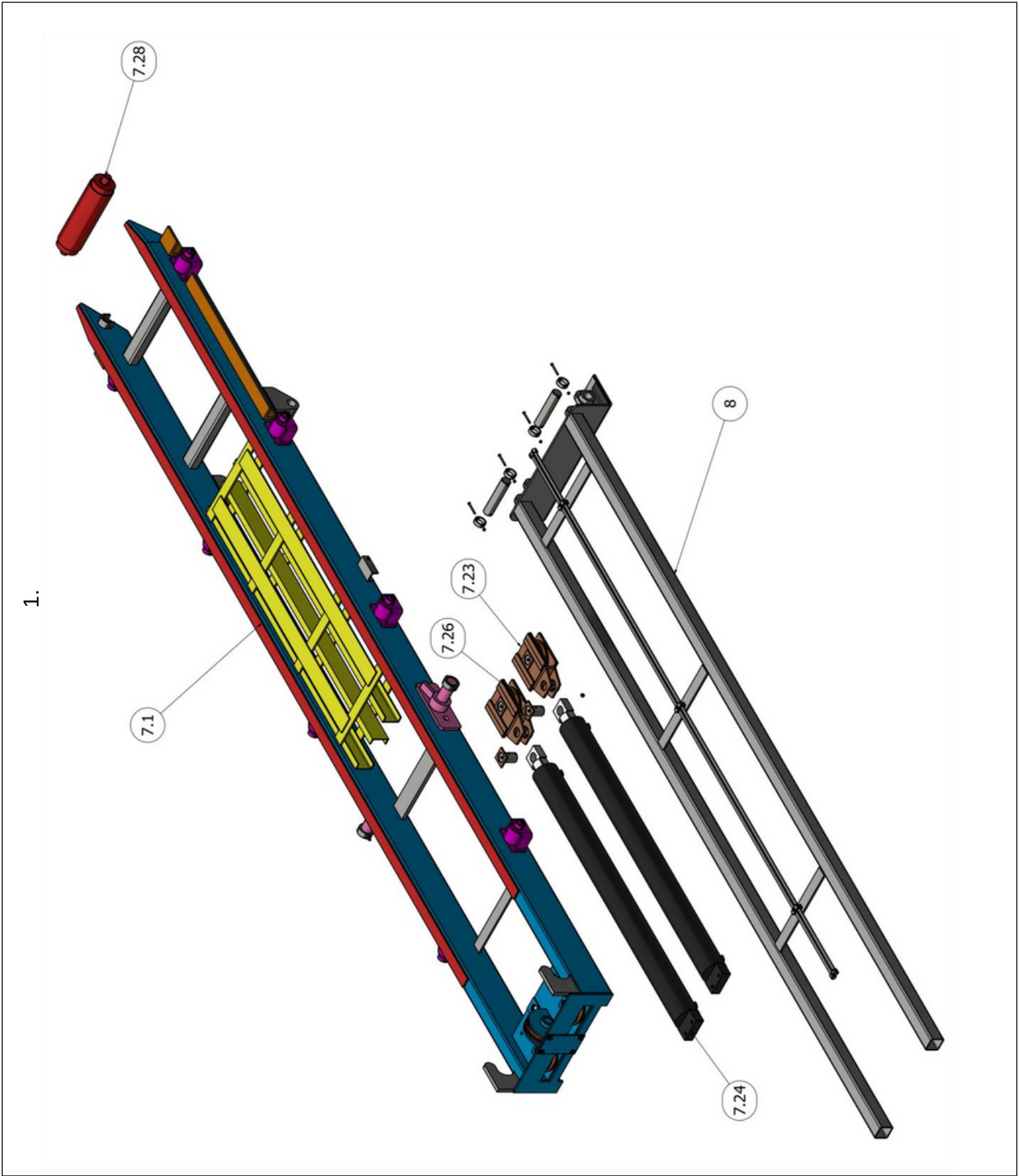
MASTER PART LIST: 46



SECTION 1 - STRUCTURAL COMPONENTS



1. PRIMARY COMPONENTS



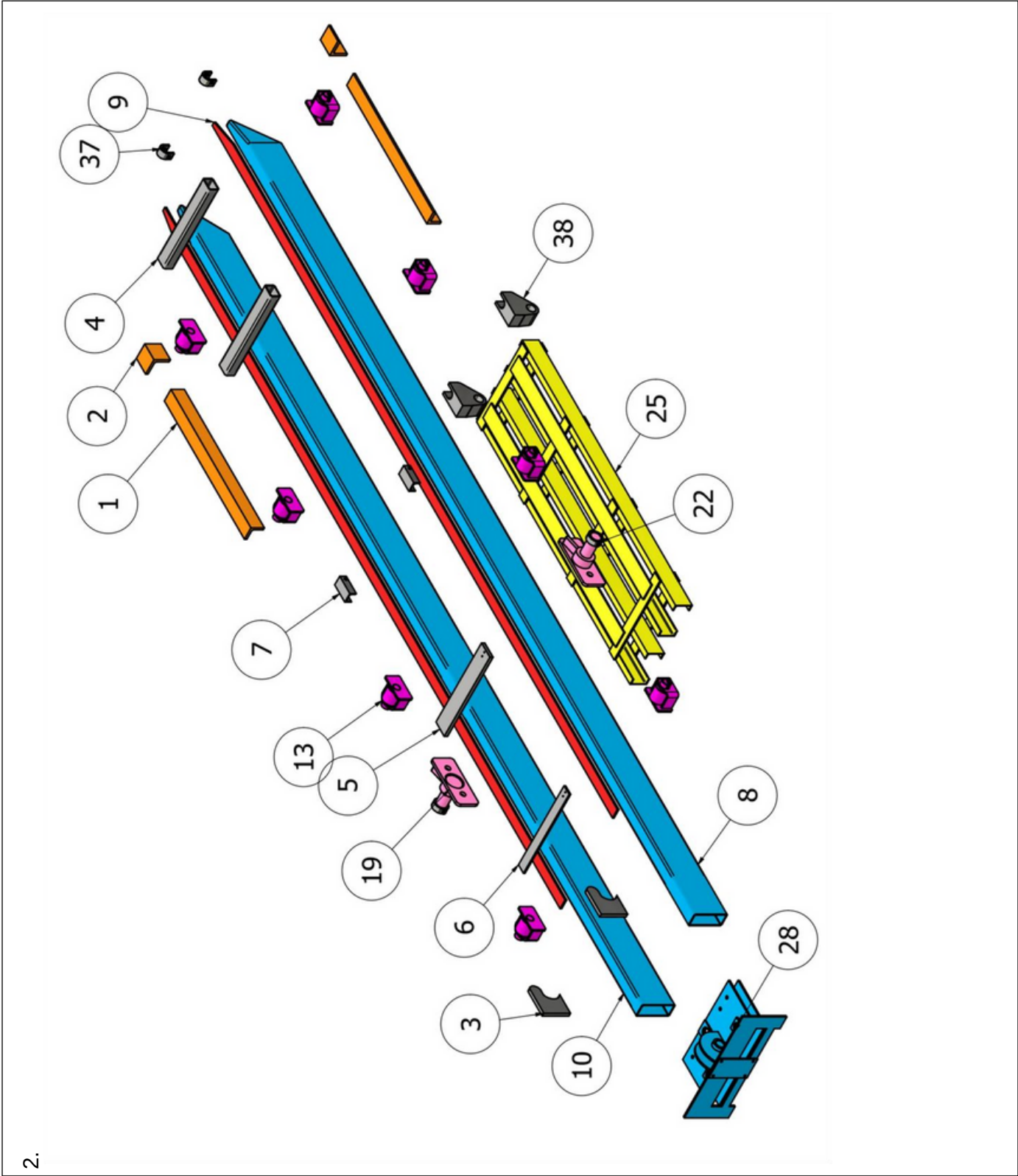


PRIMARY COMPONENTS

8	1	HS-004	SUBFRAME/APRON REAR HINGE
7.28	1	HS-114	ROLLER BACK
7.26	2	HS-104-9	CYLINDER PIN ASSY
7.24	2	HS-119-1	INNER CYLINDER HOLD
7.23	2	TH-100-1	CABLE PULLEY FRAME
7.1	1	HS-002	ROLLOFF WELDING FABRICATION
ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			



2. FRAME MOUNTING HARDWARE & FIXTURES





3. FRAME MOUNTING HARDWARE & FIXTURES

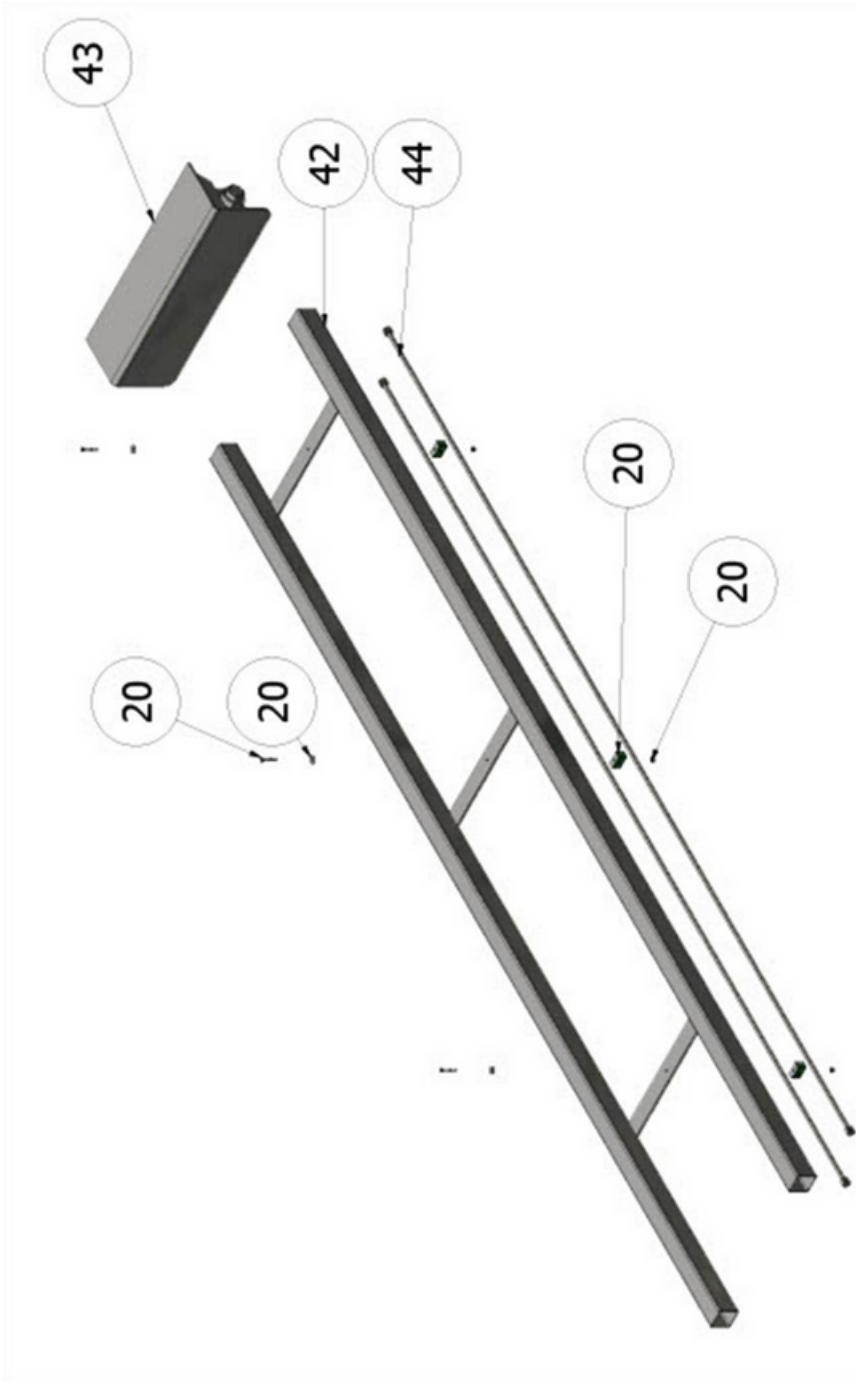
38	2	HS-112	CAST STEEL HINGE
37	2	HS-114-5	U CYLINDER PIN
28	1	HS-100	FRONT SHEAVE
25	1	HS-103	WINCHRAIL
22	1	HS-108	ANCHOR PLATE UP - RH
19	1	HS-107	ANCHOR PLATE UP - LH
13	8	HS-106	SIDE ROLLER
10	1	HS-101-2	SIDE RAIL - LH
9	2	HS-101-1	FLAT BAR SIDE RAIL
8	1	HS-102-1	SIDERAIL - RH
6	1	HS-116-3	3X1/2 IN CROSSMEMBER FLAT BAR STEEL
5	1	HS-116-2	5X1 IN CROSSMEMBER FLAT BAR STEEL
4	2	HS-116-1	CROSSMEMBER TUBE
3	2	HS-113	STOP PLATE
2	2	HS-116-5	L 5 x 5 x 3/4 - 5.5 Angle Steel
1	2	HS-116-4	L 4 x 4 x 3/4 - 48 Angle Steel
ITEM	QTY	PART NUMBER	DESCRIPTION

PARTS LIST



4. SUBFRAME - KEY ELEMENTS

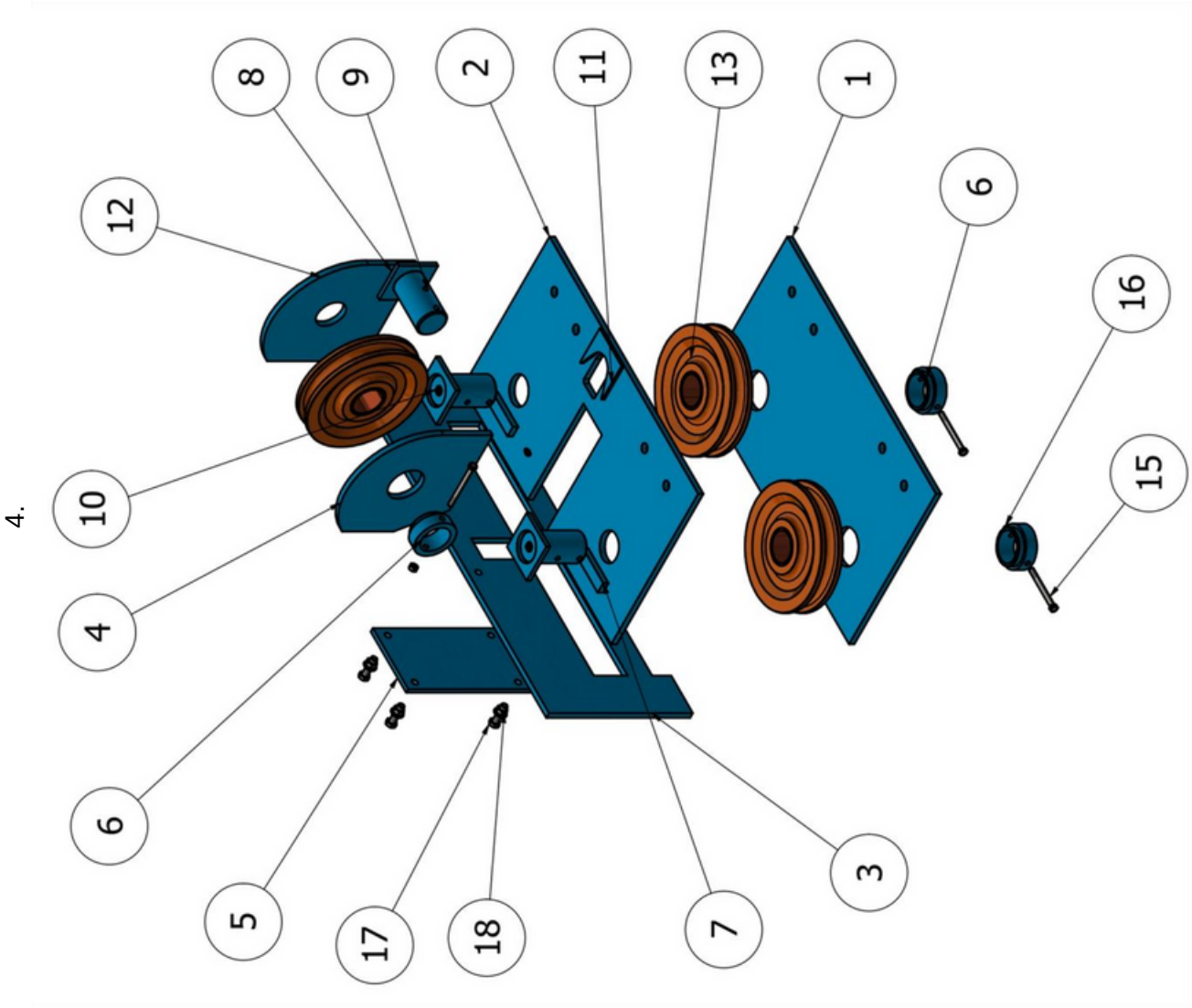
3.



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
44	2	HS-121-1	CENTARL TUBING 185 INCH
43	1	HS-109	APRON REAR HINGE
42	1	HS-115	SUB-FRAME
20	3	HS-120-5	KIT TUBING CLAMP DOUBLE 3/4"



5. HOIST HEAD SECTION - REEVING SHOE ASSEMBLY





HOIST HEAD SECTION - REEVING SHOE ASSEMBLY

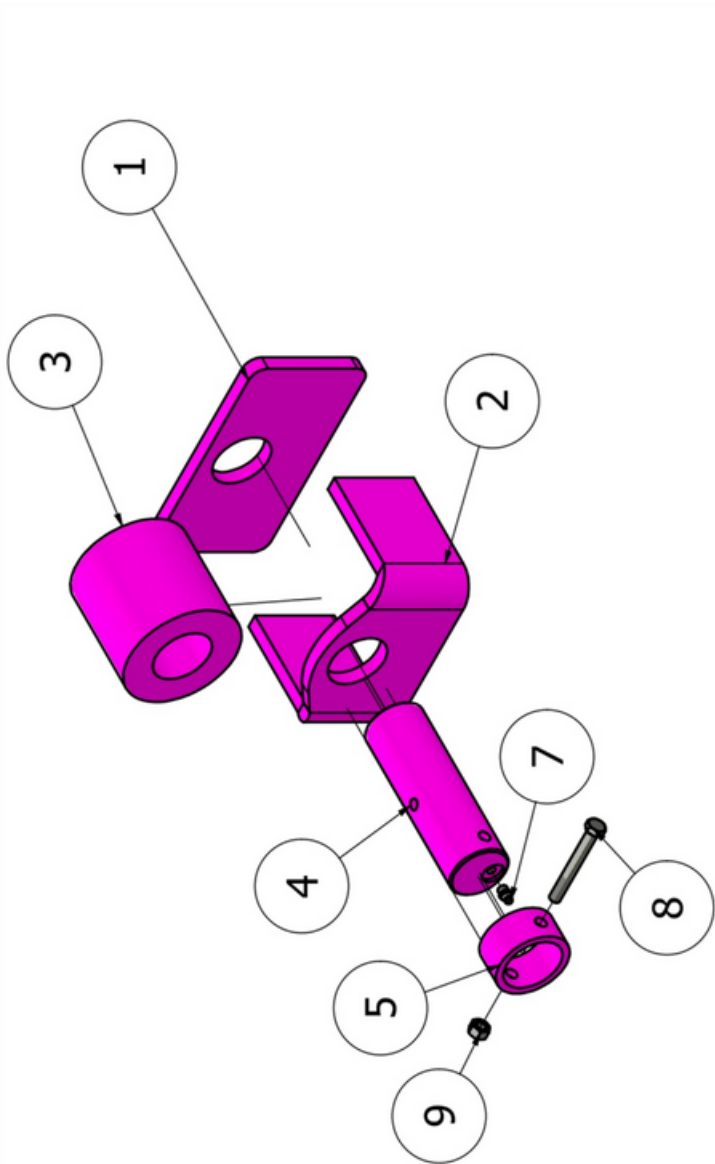
18	4	HS-118-13	1/2 - 13 HEX NUT
17	4	HS-118-1	1/2-13 UNC X 1.75 IN HEX BOLT GR8
16	3	HS-118-12	3/8 IN UNC LOCK HEX NUT
15	3	HS-118-9	3/8 IN X 4 IN HEX BOLT GR8
13	3	HS-105	SHEAVE PULLEY - 12IN
12	1	HS-100-5	SHEAVE D2 PIN PLATE
11	1	HS-100-9	PLATE REINFORCEMENT
10	3	HS-102-9	M8 X 1 GREASE FITTING
9	3	HS-100-8-2	PIN SHEAVE
8	3	HS-100-8-1	PLATE PIN
7	2	HS-100-7	SHEAVE STOP PLATE
6	3	HS-100-11	BUSHING SHEAVE FRONT
5	1	HS-100-10	BACK SECURITY PLATE
4	1	HS-100-4	SHEAVE D2 BUSHING PLATE
3	1	HS-100-3	END PLATE
2	1	HS-100-2	UPPER SHEAVE D3 PLATE
1	1	HS-100-1	BOTTOM SHEAVE D3 PLATE
ITEM	QTY	PART NUMBER	DESCRIPTION

PARTS LIST



6. SIDE ROLLER UNIT

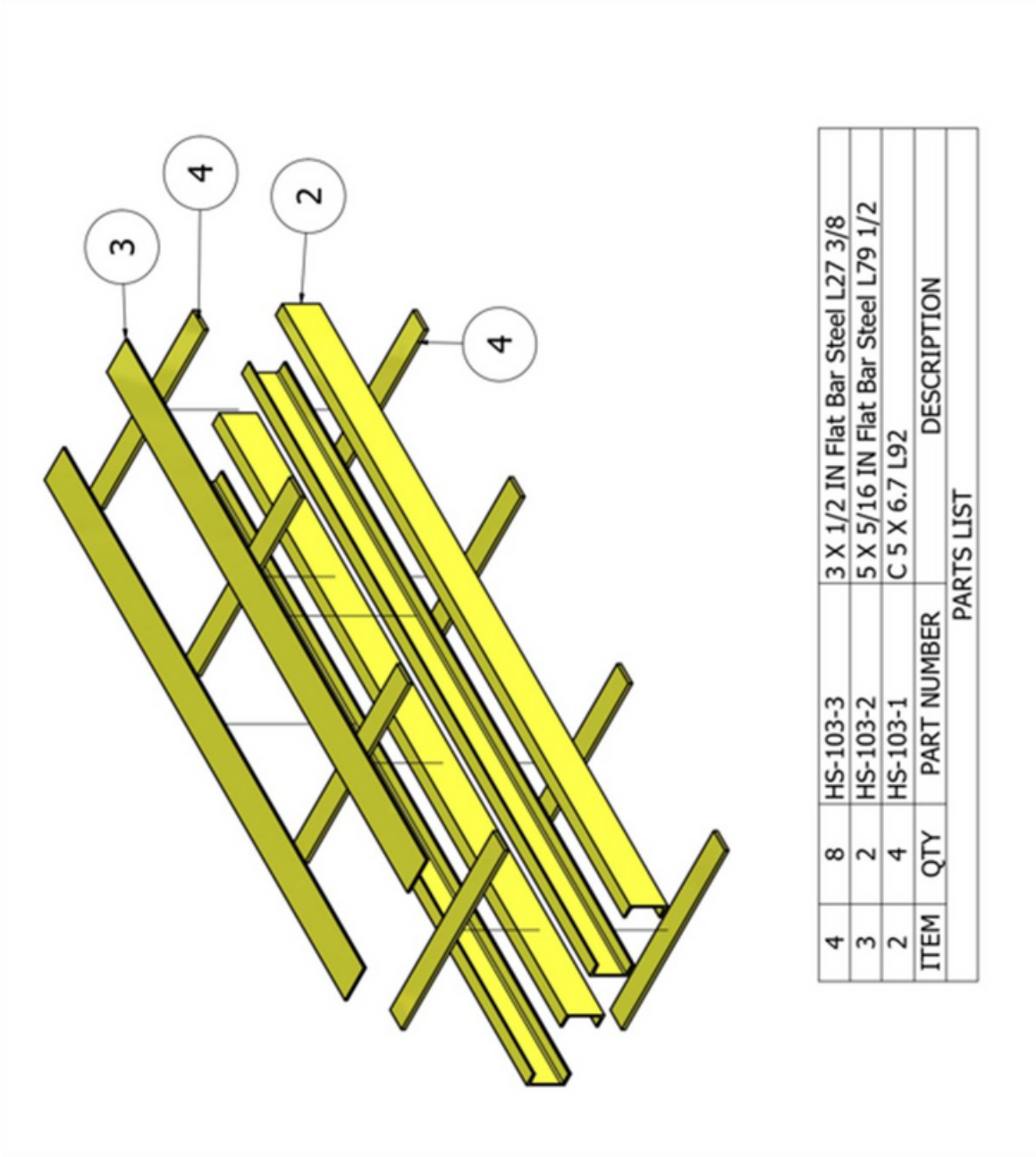
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ITEM	QTY	PART NUMBER	DESCRIPTION
9	1	HS-118-12	3/8 UNC HEX NUT
8	1	HS-118-7	3/8 IN X 3 IN UNC HEX BOLT GR5
7	1	HS-102-9	M8 X 1 GRAESE FITTING
5	1	HS-106-5	BUSHING ROLLER PIN
4	1	HS-106-4	ROLLER PIN
3	1	HS-106-3	ROLLER
2	1	HS-106-2	ROLLER U PLATE
1	1	HS-106-1	BACK SUPPORT PLATE
PARTS LIST			



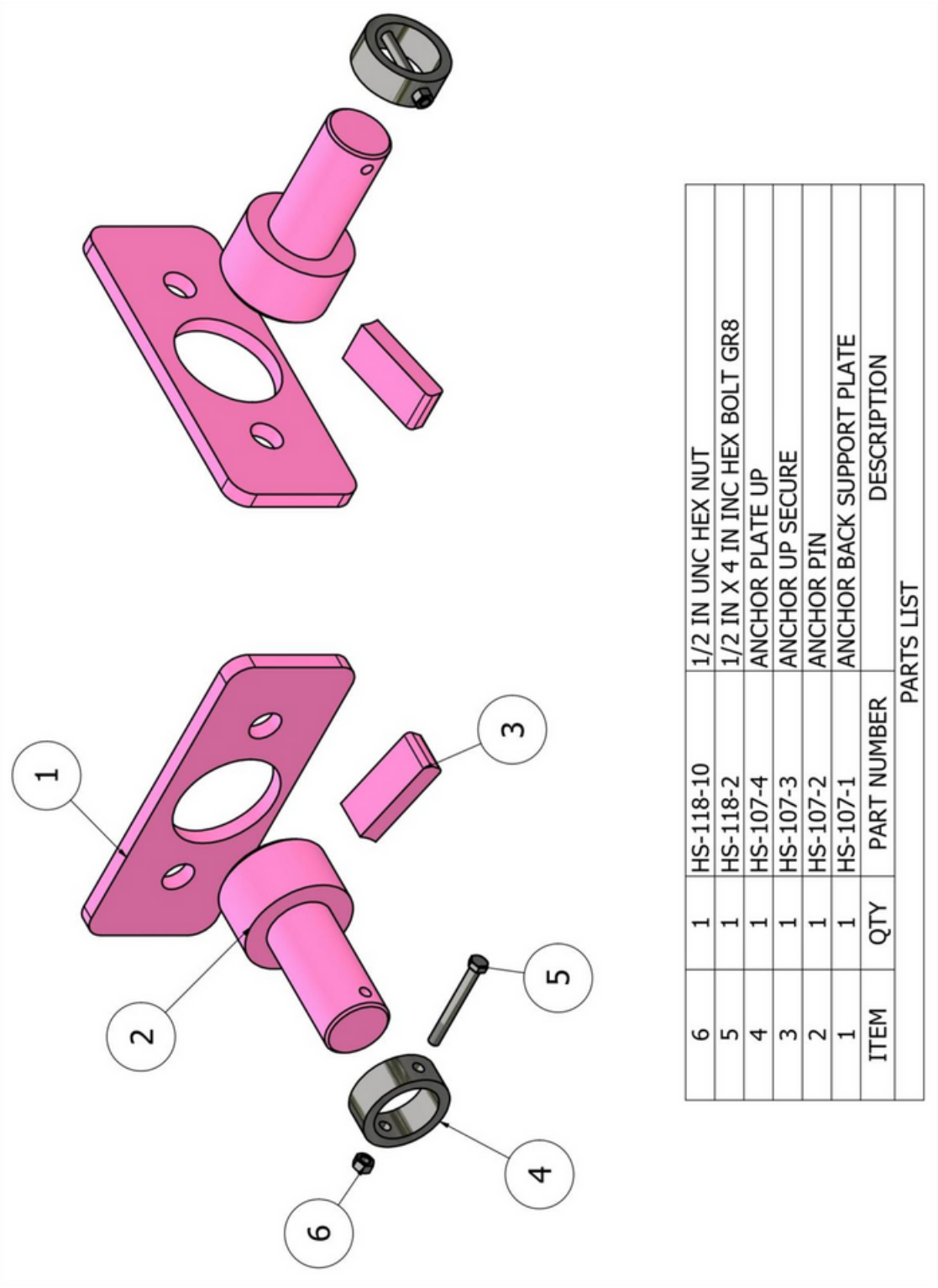
7. WINCH RAIL ASSEMBLY





8. ANCHOR PLATE UPPER ASSEMBLY

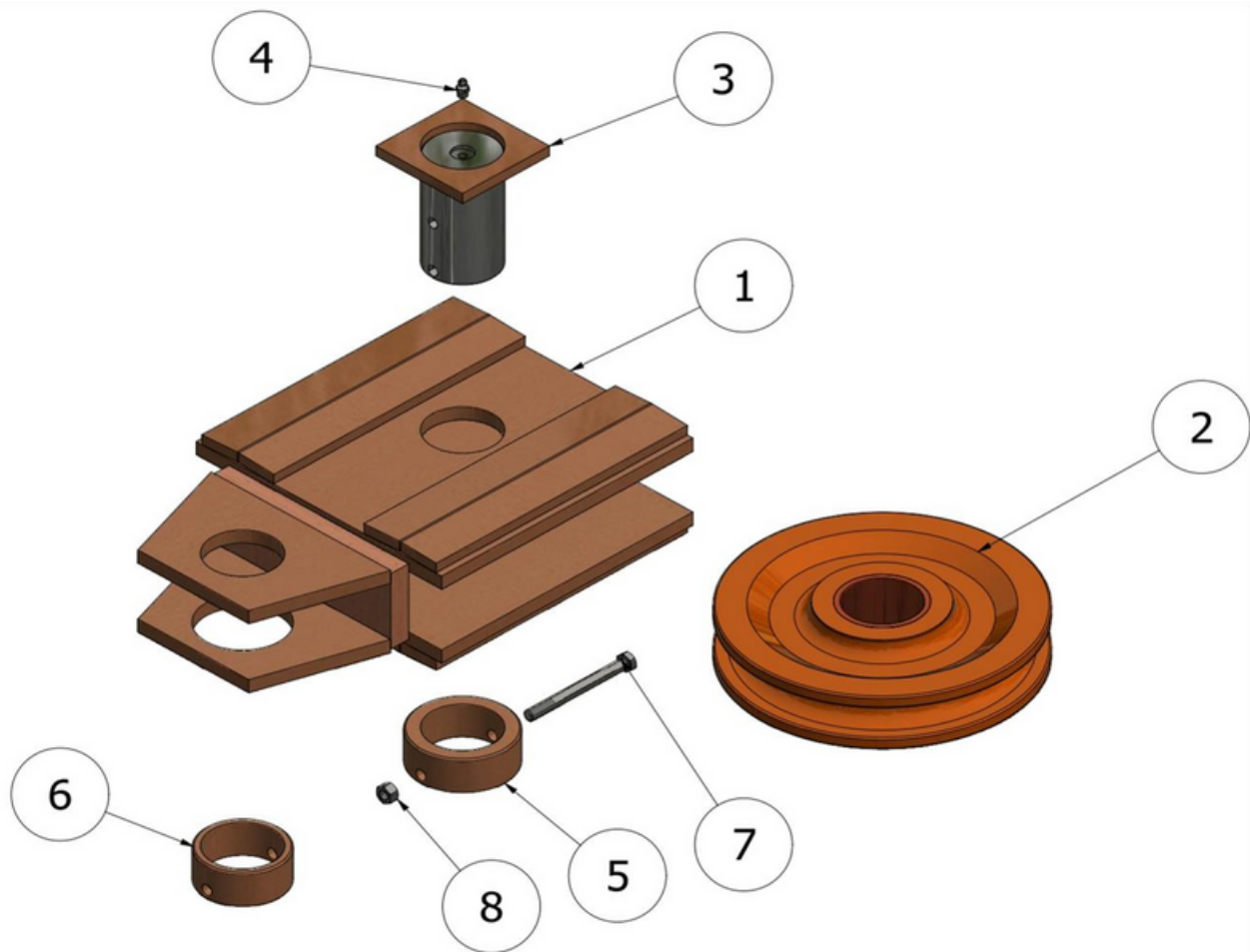
6.





9. CABLE PULLEY ASSEMBLY - ESSENTIAL COMPONENTS

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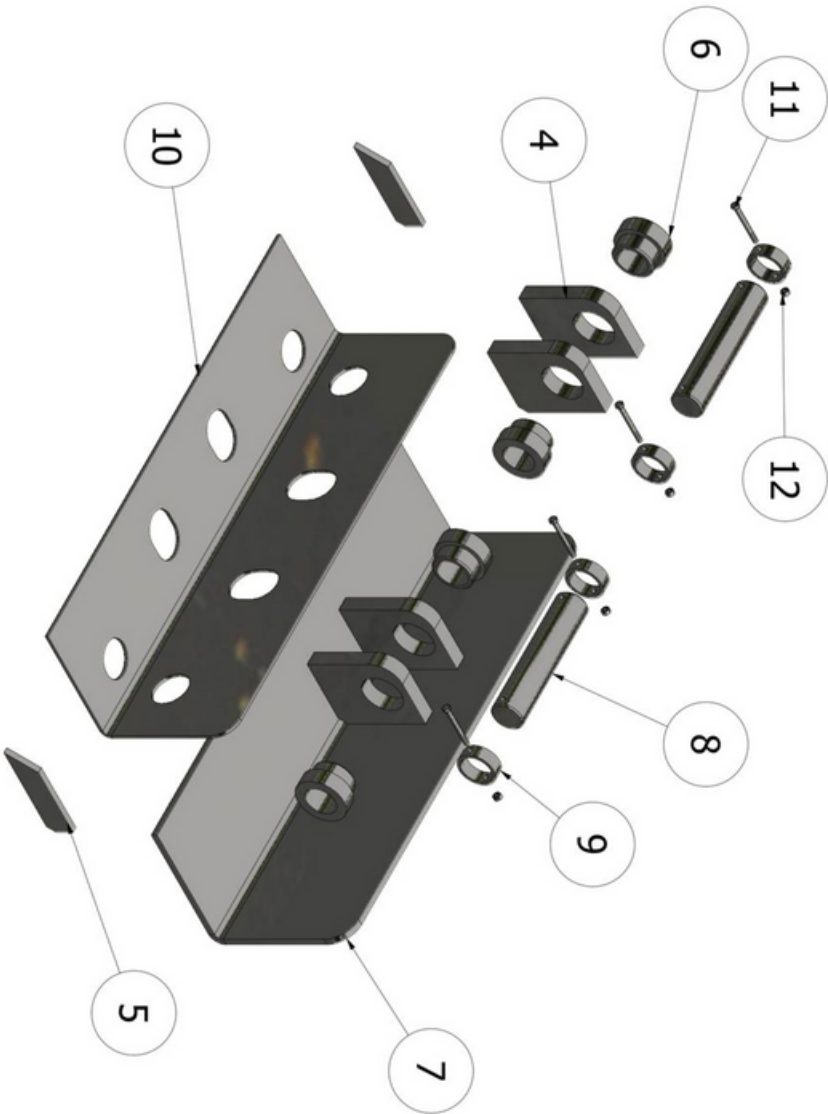


8	1	HS-118-9	3/8 IN X 4 IN HEX BOLT GR 8
7	1	HS-118-12	3/8 IN UNC LOCK HEX NUT
6	1	HS-104-7	CYLINDER BUSHING
5	1	HS-104-6	PULLEY BUSHING
4	1	HS-120-9	M8X1 GREASE FITTING
3	1	HS-104-9	CABLE PULLEY PIN
2	1	HS-105	CABLE PULLEY
1	1	HS-104	CABLE PULLEY FRAME
ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			



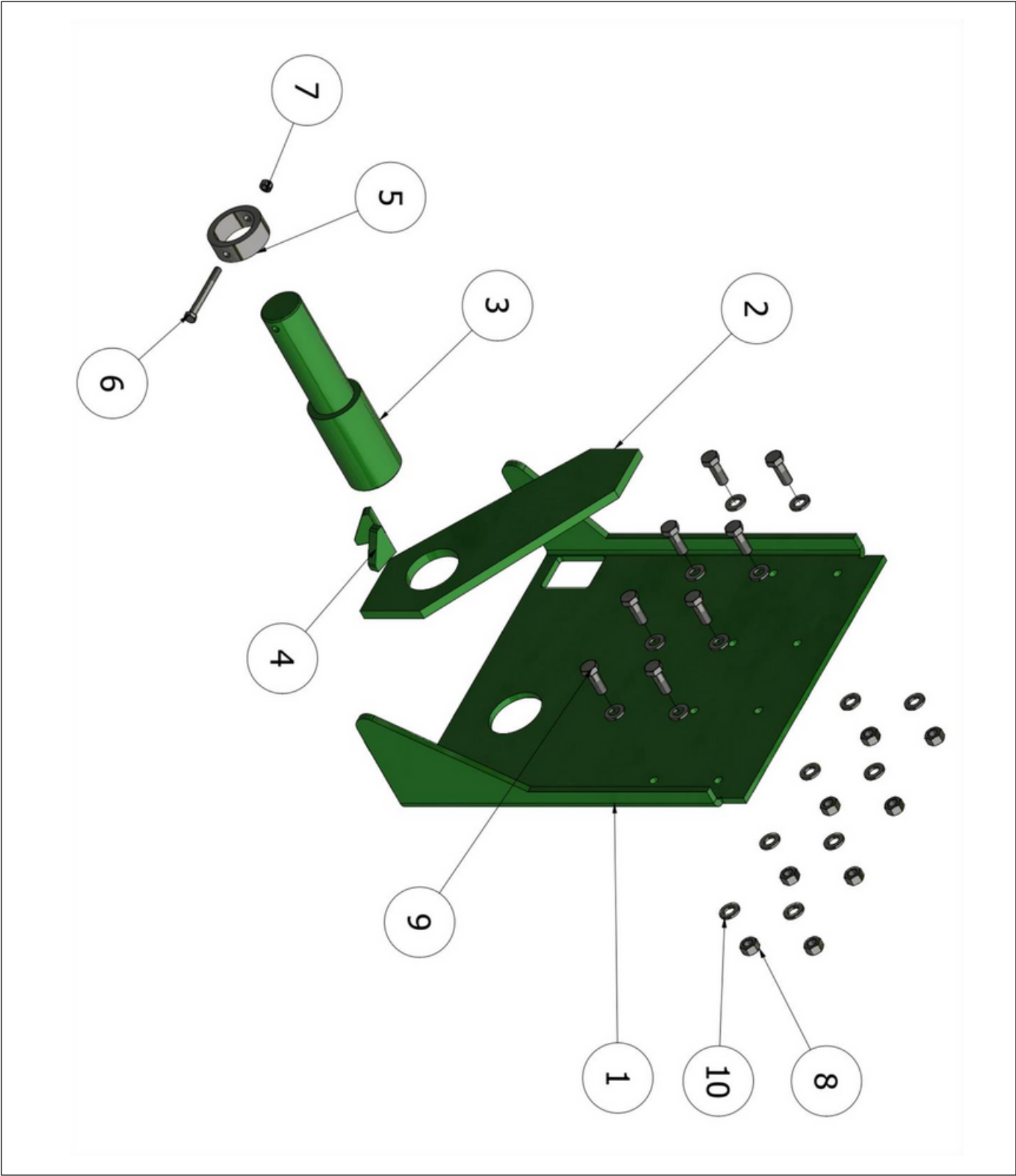
10. APRON REAR HINGE ASSEMBLY

ITEM	QTY	PART NUMBER	DESCRIPTION
12	4	HS-118-12	3/8 IN UNC HEX NUT
11	4	HS-118-8	3/8 IN X 3 1/2 IN UNC HEX BOLT GRS
10	1	HS-109-9	REINFORCEMENT SUPPORT APRON
9	4	HS-109-7	APRON BUSHING LOCK
8	2	HS-109-6	APRON PIN
7	1	HS-109-8	SUPPORT BEND PLATE
6	4	HS-109-4	APRON BUSHING
5	2	HS-109-3	REINFORCEMENT PLATE
4	4	HS-109-2	BUSHING PLATE





11. ANCHOR PLATE LOWER ASSEMBLY



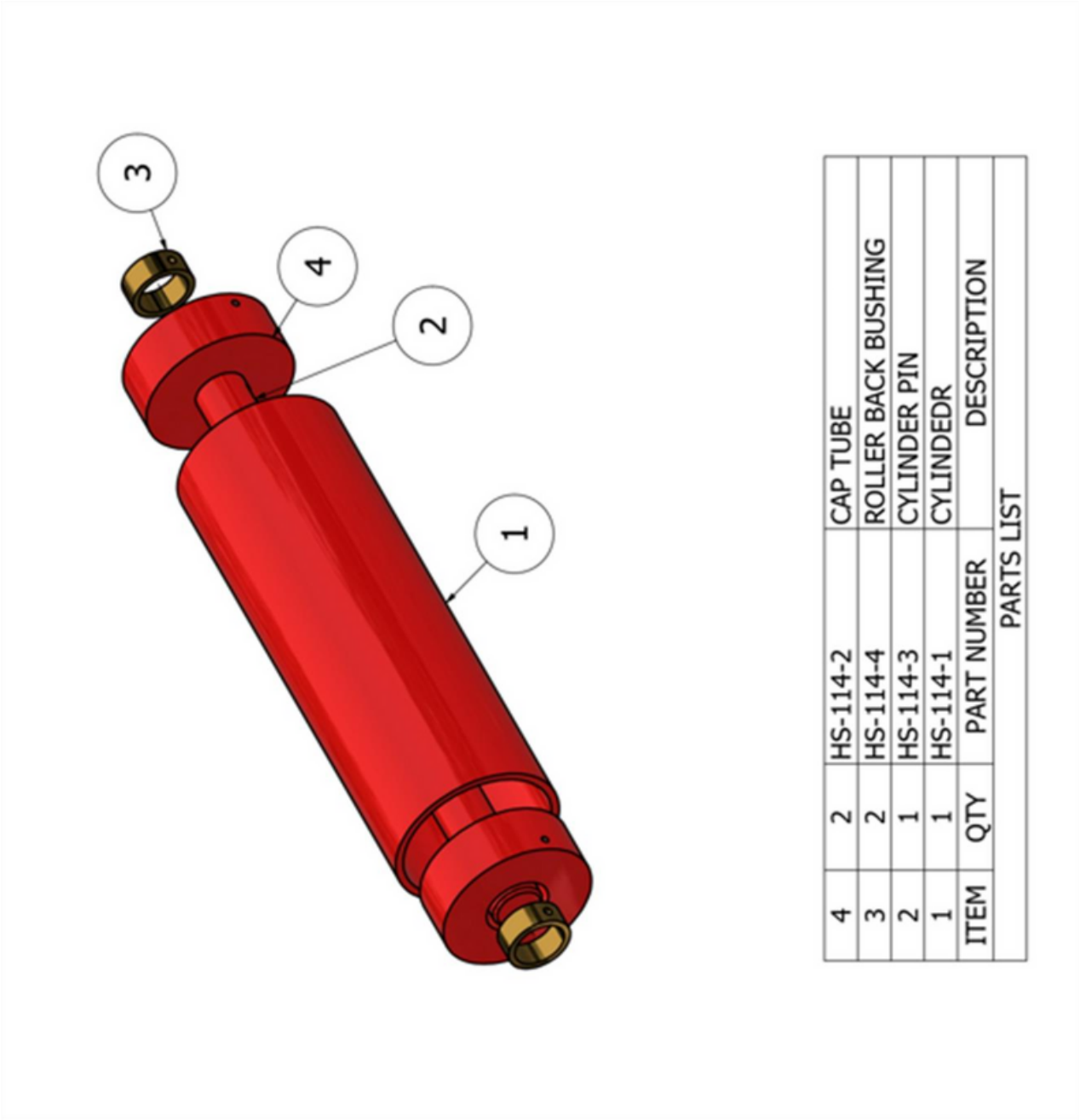


ANCHOR PLATE LOWER ASSEMBLY

10	16	HS-118-14	3/4 PLAN Washer
9	8	HS-118-5	3/4 IN X 2 IN UNC HEX BOLT GR 8
8	8	HS-118-11	3/4 IN UNC HEW NUT
7	1	HS-118-10	1/2 IN UNC HEX NUT
6	1	HS-118-2	1/2 IN X 4 IN UNC HEX BOLT GR 8
5	1	HS-110-5	WASHER SAFETY ANCHR PLATE DOWN
4	2	HS-110-3	PLATE REINFORCEMENT
3	1	HS-110-4	ANCHOR PLATE PIN
2	1	HS-110-1	PLATE DOWN FOLD REINFORCER
1	1	HS-111-1	RH PLATE DOWN FOLD
ITEM QTY		PART NUMBER	DESCRIPTION
PARTS LIST			



12. ANCHOR PLATE LOWER ASSEMBLY



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
4	2	HS-114-2	CAP TUBE
3	2	HS-114-4	ROLLER BACK BUSHING
2	1	HS-114-3	CYLINDER PIN
1	1	HS-114-1	CYLINDER

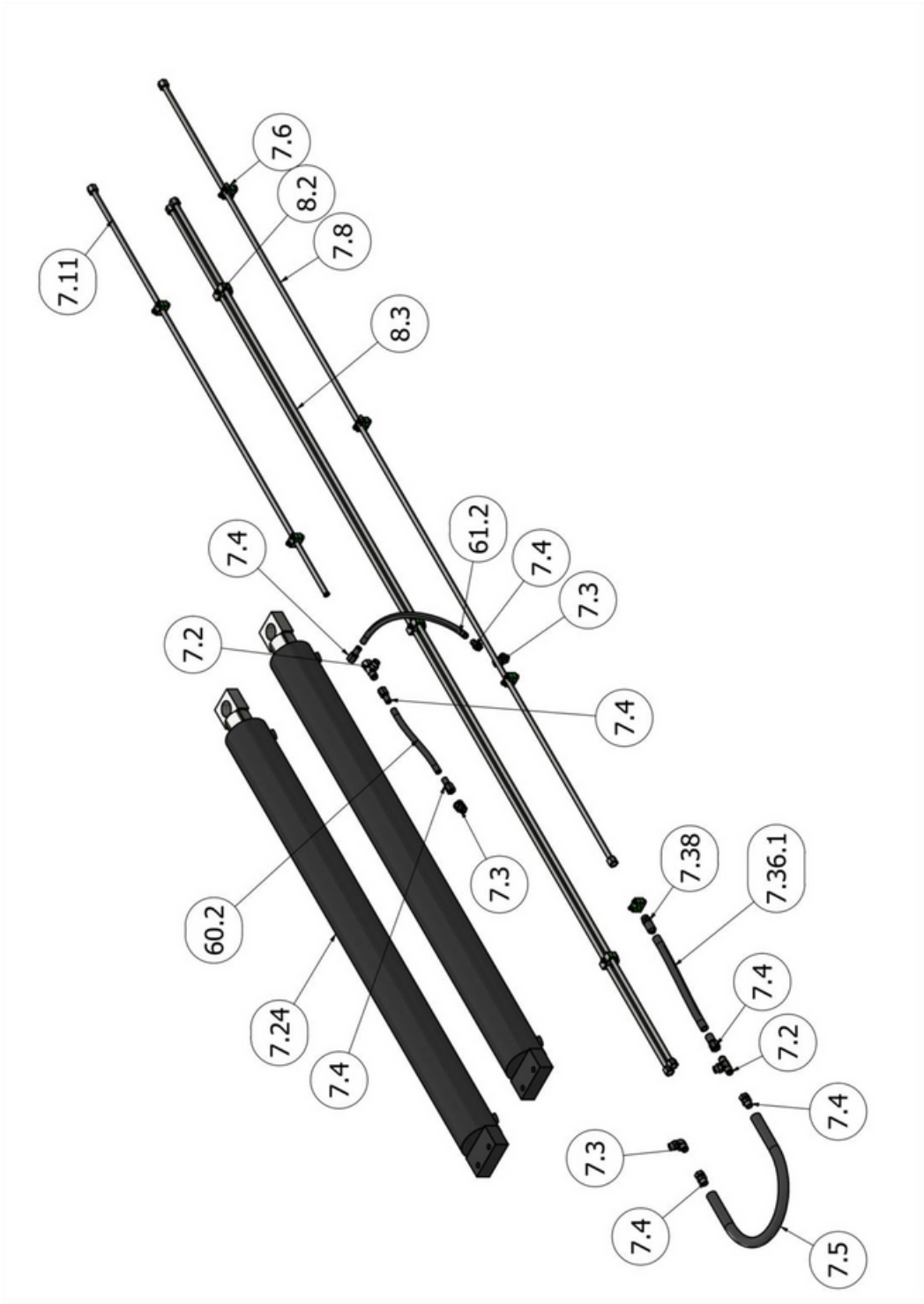


SECTION 2 - HYDRAULIC SYSTEM



13. TOP FRAME HYDRAULIC ASSEMBLY

10.





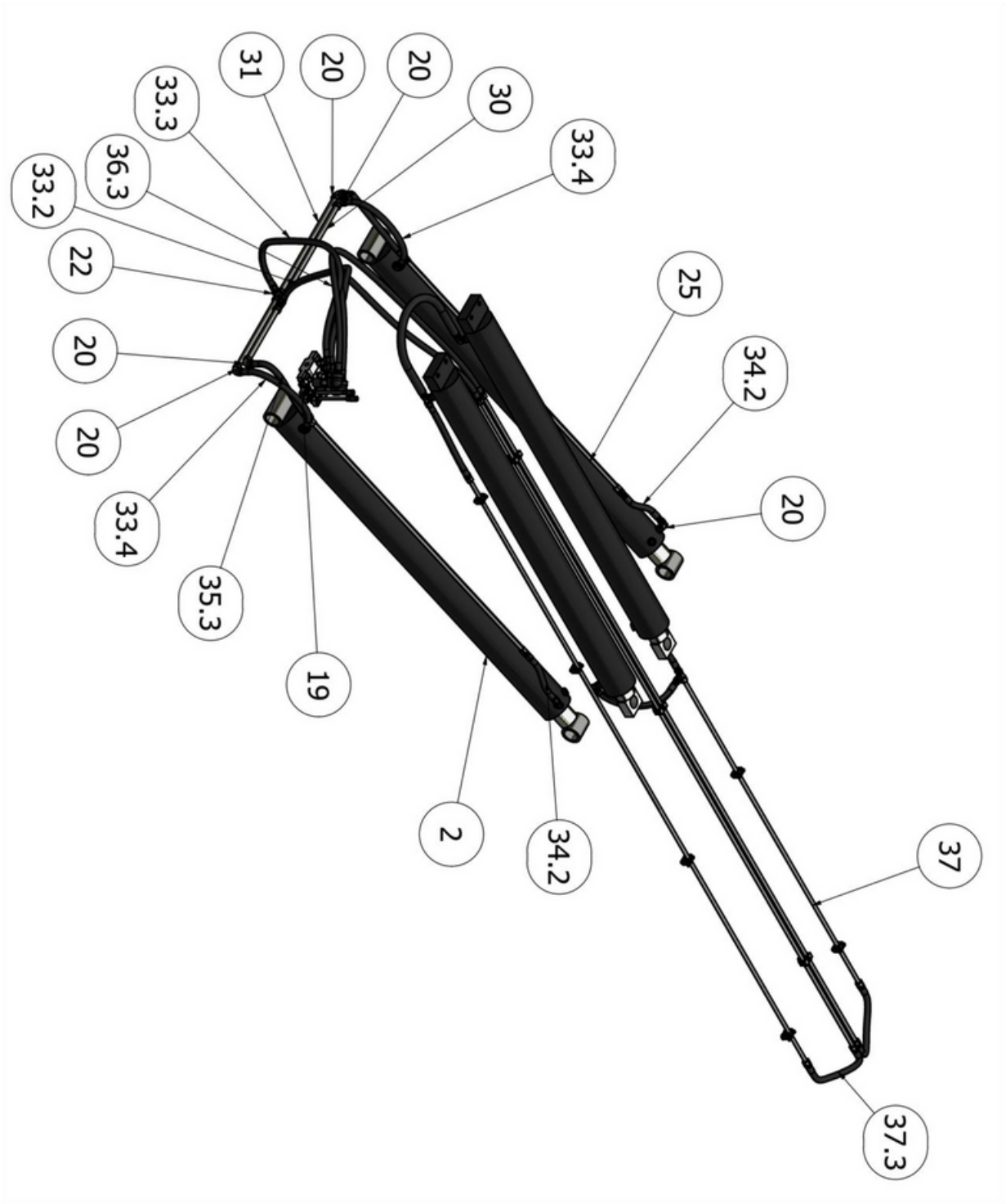
TOP FRAME HYDRAULIC ASSEMBLY

10.

61.2	1	HS-117-5	3/4 HIDRAULIC HOSE L15 IN
60.2	1	HS-117-4	3/4 HYDRAULIC HOSE. L12 IN
8.3	2	HS-121-1	3/4 HIDRAULIC TUBING W/JIG END-185
8.2	3	HS-120-6	3/4 IN TUBE CLAMP DOUBLE
7.38	1	HS-120-4	3/4" HOSE x 3/4" JIC MALE RIGID CRIMP FITTING
7.36.1	1	HS-117-2	3/4 HYDRAULIC HOSE. L16 IN
7.24	2	HS-119-1	INNER CYLINDER HOLD
7.11	1	HS-121-3	3/4 HIDRAULIC TUBING W/JIG END-87
7.8	1	HS-121-3	3/4 HIDRAULIC TUBING W/JIG END-167
7.6	6	HS-120-5	3/4 IN TUBE CLAMP SINGLE
7.5	1	HS-117-1	HYDRAULIC HOSE. L30 IN
7.4	7	HS-120-1	3/4" HOSE x 3/4" JIC FEMALE CRIMP FITTING
7.3	2	HS-120-3	3/4 IN JIC X 3/4 IN OR 90
7.2	2	HS-120-2	3/4 JIC OR MJ-MJ-MB TEE
ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			



14. VALVE & REAR HOSE CONFIGURATION



7.



37.3	2	HS-117-3	HYDRAULIC HOSE L28 IN
37	1	HS-010-1	HYDRAULIC SYSTEM TITAN FABRICATION
36.3	1	HS-117-14	HYDRAULIC HOSE L88 IN
36.2	1	HS-117-13	HYDRAULIC HOSE L83 IN
35.3	1	HS-117-12	HYDRAULIC HOSE L18.5 IN
63	1	HS-117-11	HYDRAULIC HOSE L21 IN
34.2	2	HS-117-10	HYDRAULIC HOSE L9.5 IN
34.1	2	HS-120-1	3/4 HOSE X 3/4 JIC FEMALE CRIP FITTING
33.4	2	HS-117-5	HYDRAULIC HOSE L15 IN
33.2	1	HS-117-6	HYDRAULIC HOSE L55 IN
33.3	1	HS-117-7	HYDRAULIC HOSE L66 IN
31	1	HS-121-8	3/4 HYDRAULIC TUBING W/JIC END L.27.5 IN
30	1	HS-121-7	3/4 HYDRAULIC TUBING W/JIC END L.28 IN
25	2	HS-121-6	3/4 HYDRAULIC TUBING W/JIC END L.68 IN
22	2	HS-120-2	3/4 JIC OR MJ-MJ-MB TEE
20	8	HS-120-3	3/4 IN JIC X 3/4 IN OR 90
19	1	HS-131	MONOBLOCK VALVE
2	2	HS-119-2	SIDE CYLINDER HOIST
ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			

15. HYDRAULIC RESERVOIR SYSTEM

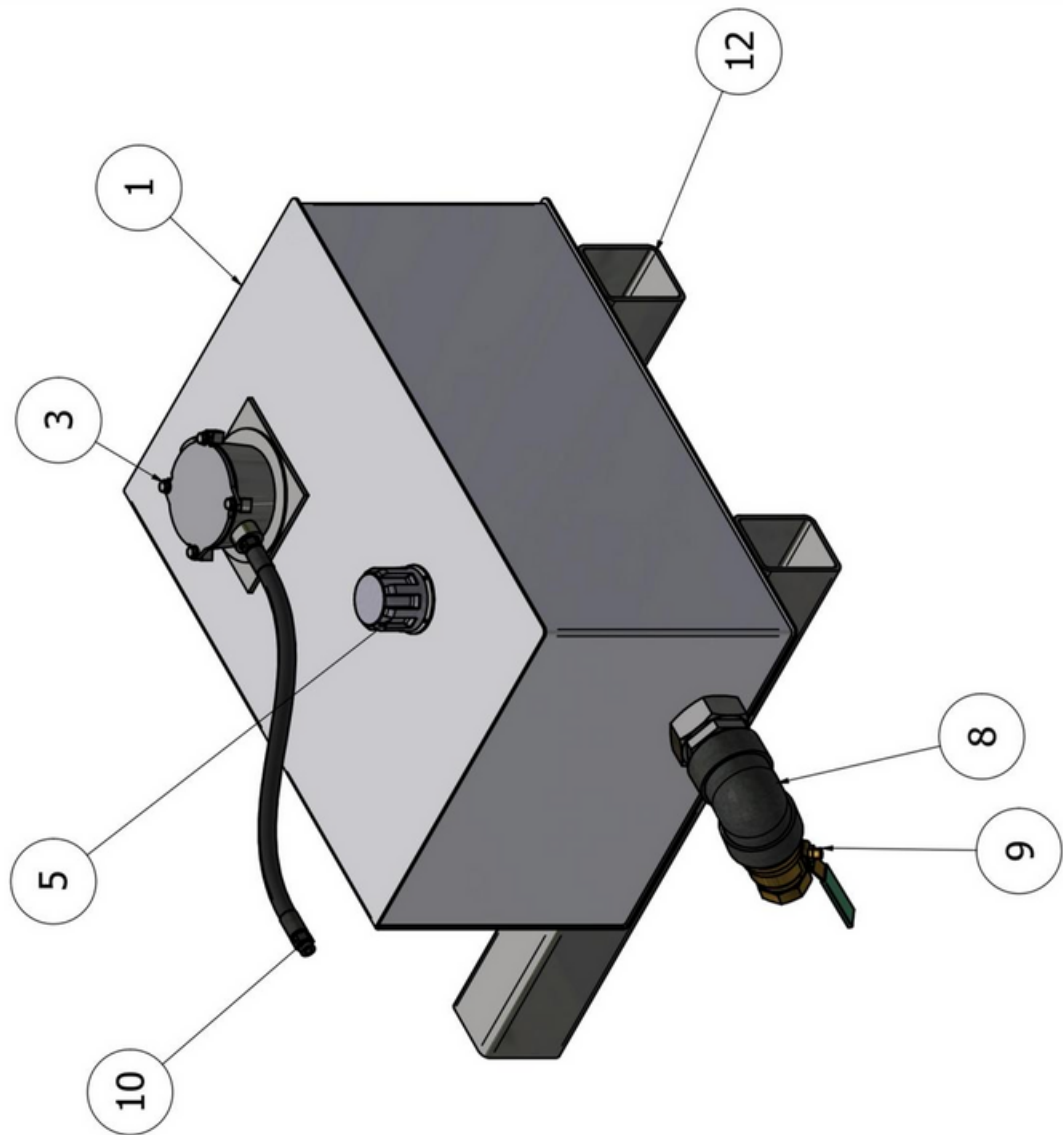


16. LIFT CYLINDERS & RELATED PARTS



17. HYDRAULIC TANK ASSEMBLY

10.

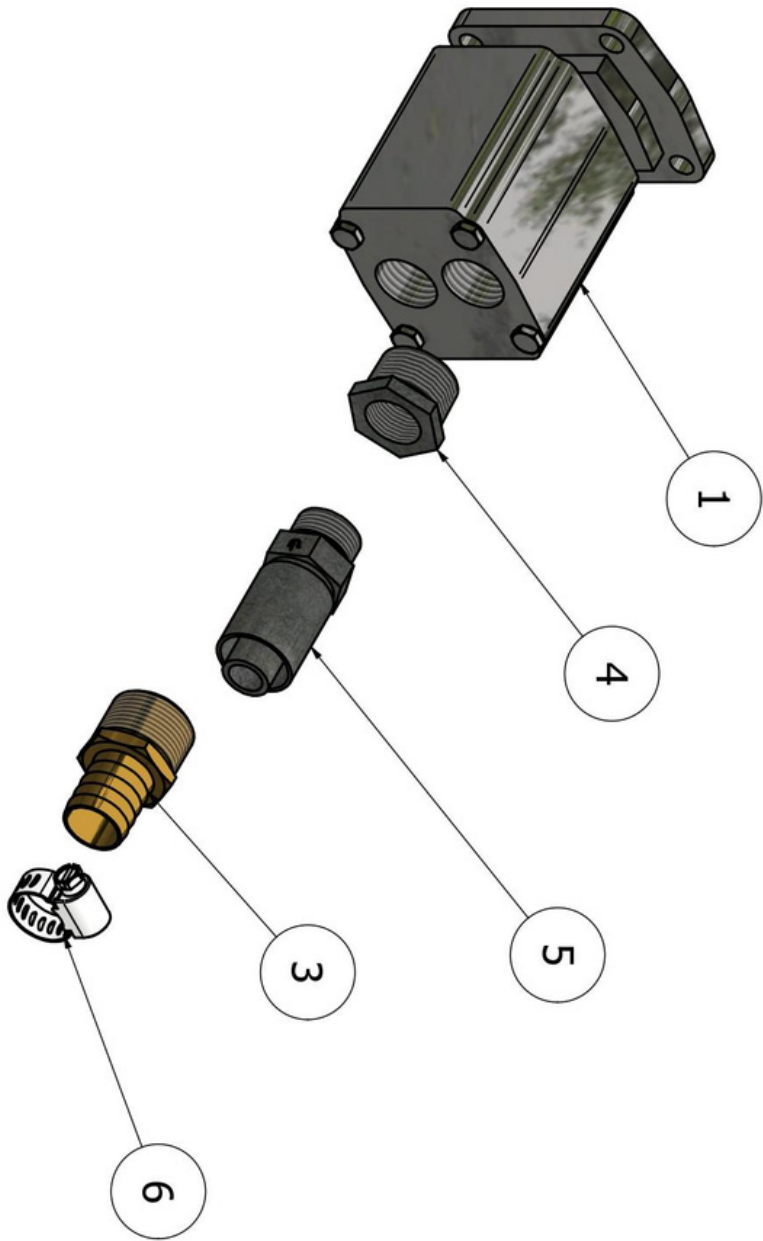




12	70.000 in	HS-136.7	Rectangular tube
10	1	HS-136-6	HYDRAULIC HOSE
9	1	HS-136-5	2 IN VALVE
8	1	HS-136-4	2 IN ELBOW
7	1	HS-136-3	2 IN UNC HEX NUT
3	1	HS-136-2	OIL FILTER
1	1	HS-136-1	HYDRAULIC TANK
ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	HS-122-4	3 IN HOSE CLAMP
5	1	HS-122-3	3/4 IN JIC X 3/4 IN NPT
4	1	HS-122-3	1-1/2 IN X 3/4 BUSHING
3	1	HS-122-2	1 1/2 IN X 2 HOSE BARB
1	1	HS-122-1	GEAR PUMP



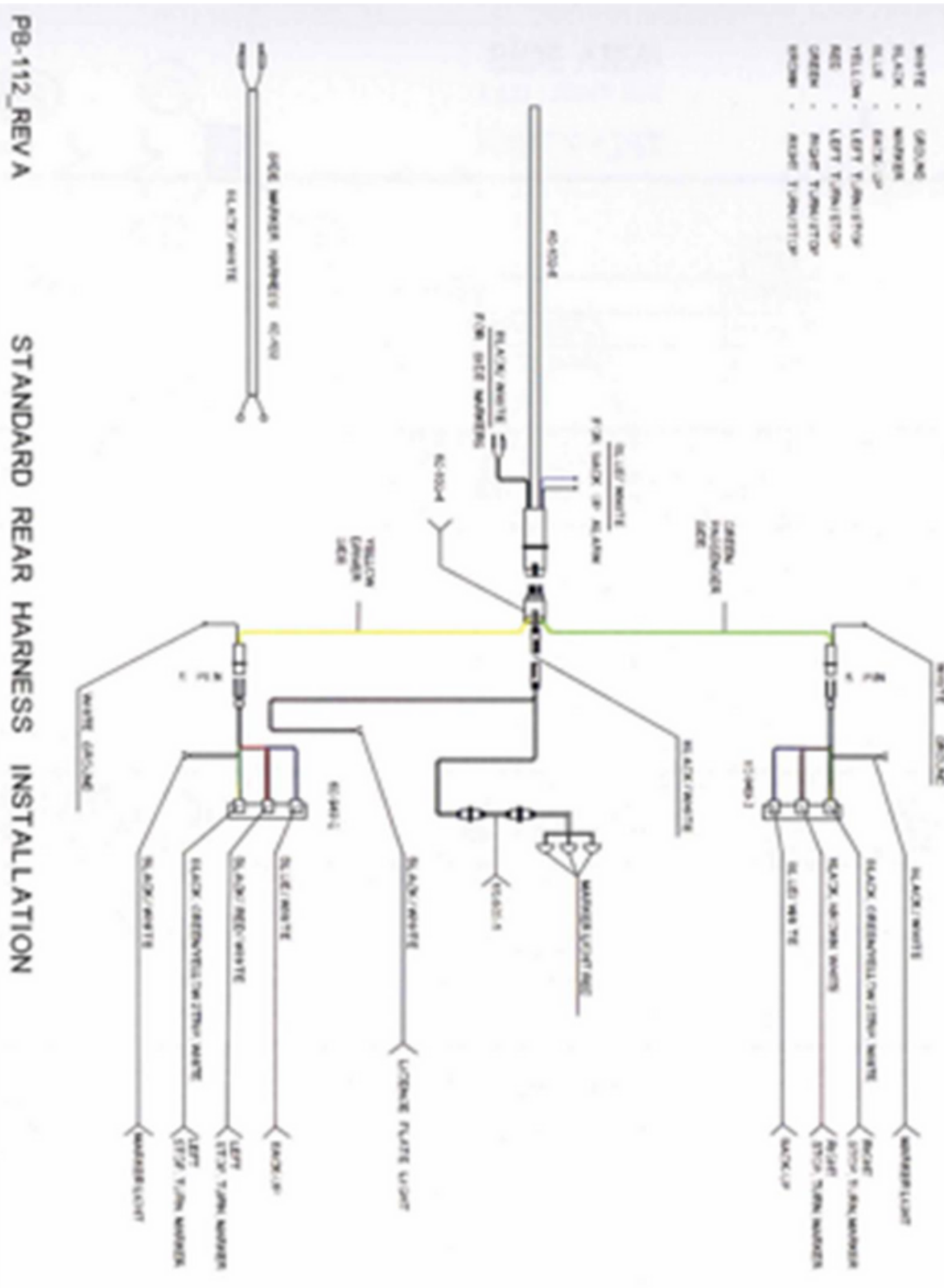


SECTION 3 - ELECTRICAL SYSTEM

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18. ELECTRICAL WIRING SCHEMATIC



12.



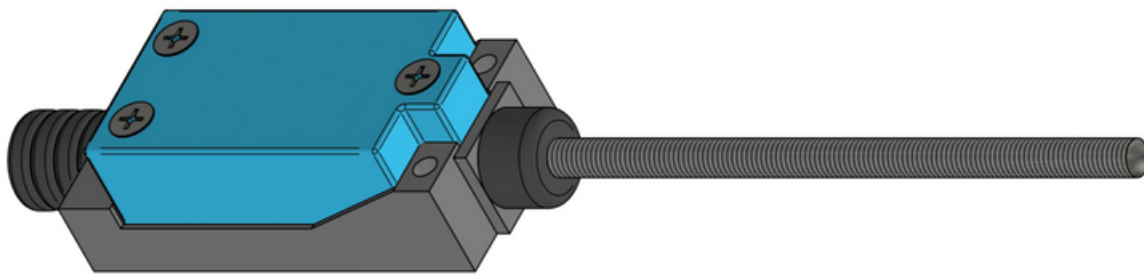
19. LED LIGHTING SYSTEM

5	2	HS-138-5	2 IN CONIC LED STOP RED BULED PLUG
4.1	1	HS-138-4-1	4 IN LED STOP RED BULED PLUG
4	3	HS-138-4	2 IN GROMMET B146-18
2.2	2	HS-138-3	SEALED BEAM BACK-UP 415
2.1	4	HS-138-2-1	4 IN LED STOP RED BULED PLUG
2	6	HS-138-2	4 IN GROMMET B146-18
1	1	HS-138-1	BUMPER REAR

ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			

13.

20. BODY POSITION SWITCH KIT



14.

Limit Switch, Coil Spring, Wobble Stick

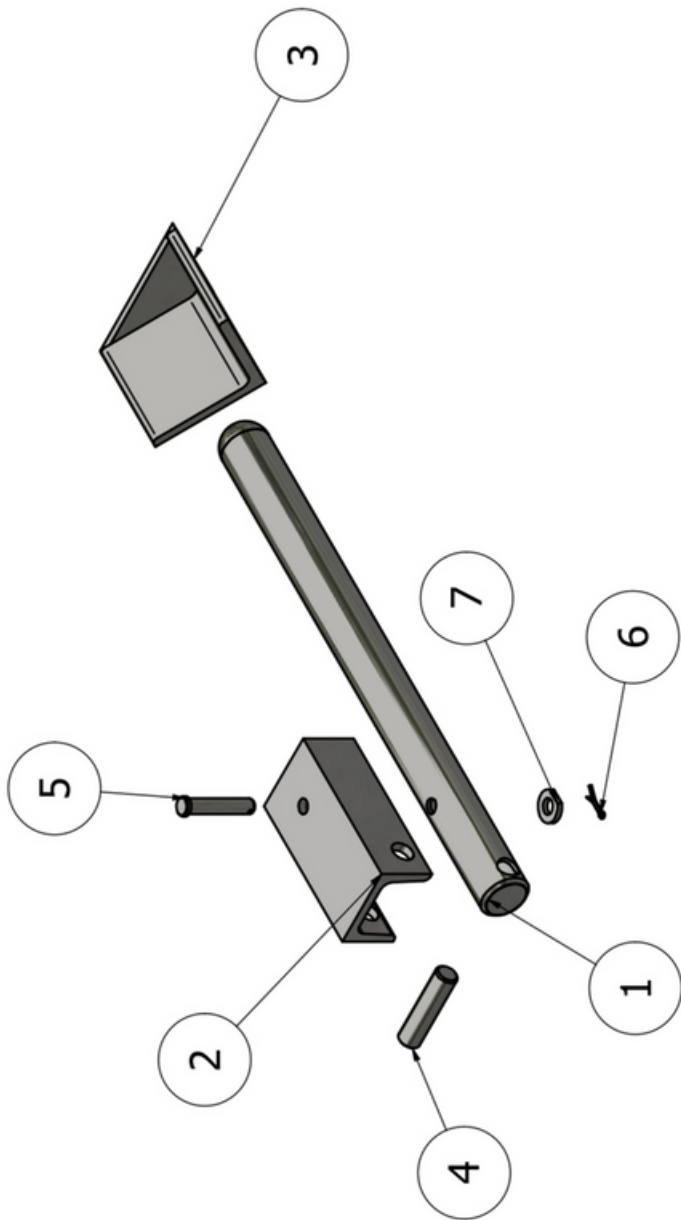


SECTION 4 - SAFETY FEATURES



21. HOIST SAFETY SUPPORT PROP

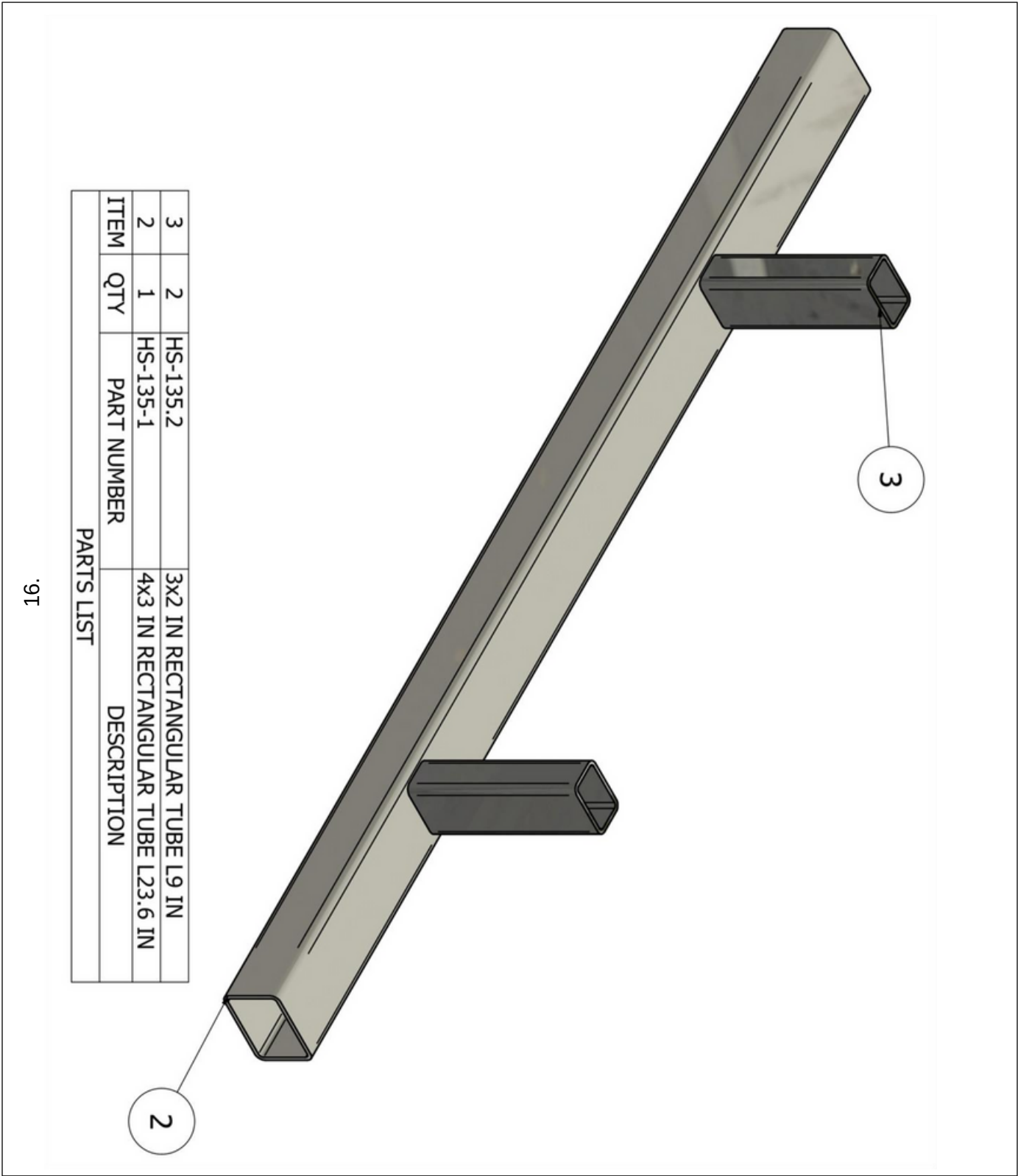
15.



ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	HS-133-7	1/2 IN FLAT WASHER
6	1	HS-133-6	1/8 AIR PIN CUTTER
5	1	HS-133-5	PIN
4	1	HS-133-4	PIN PIVOT
3	1	HS-133-3	HOIST COP
2	1	HS-133-2	CHANNEL
1	1	HS-133-1	SAFETY HOLDER TUBE
PARTS LIST			



22. FIXED REAR BUMPER

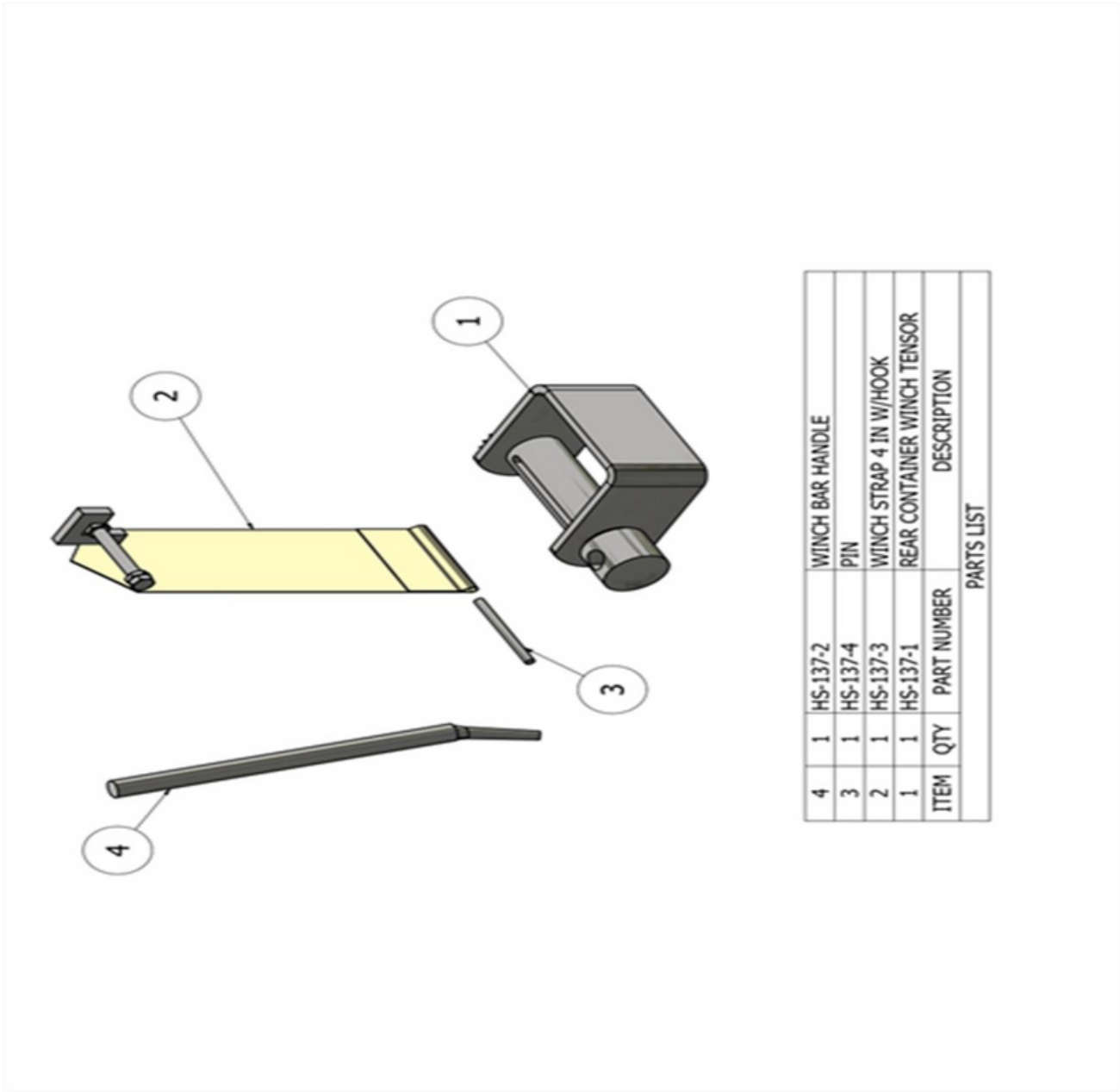


16.



23. REAR CONTAINER SECUREMENT WINCH

17.



ITEM		QTY	PART NUMBER	DESCRIPTION
4	1	1	HS-137-2	WINCH BAR HANDLE
3	1	1	HS-137-4	PIN
2	1	1	HS-137-3	WINCH STRAP 4 IN W/HOOK
1	1	1	HS-137-1	REAR CONTAINER WINCH TENSOR
PARTS LIST				

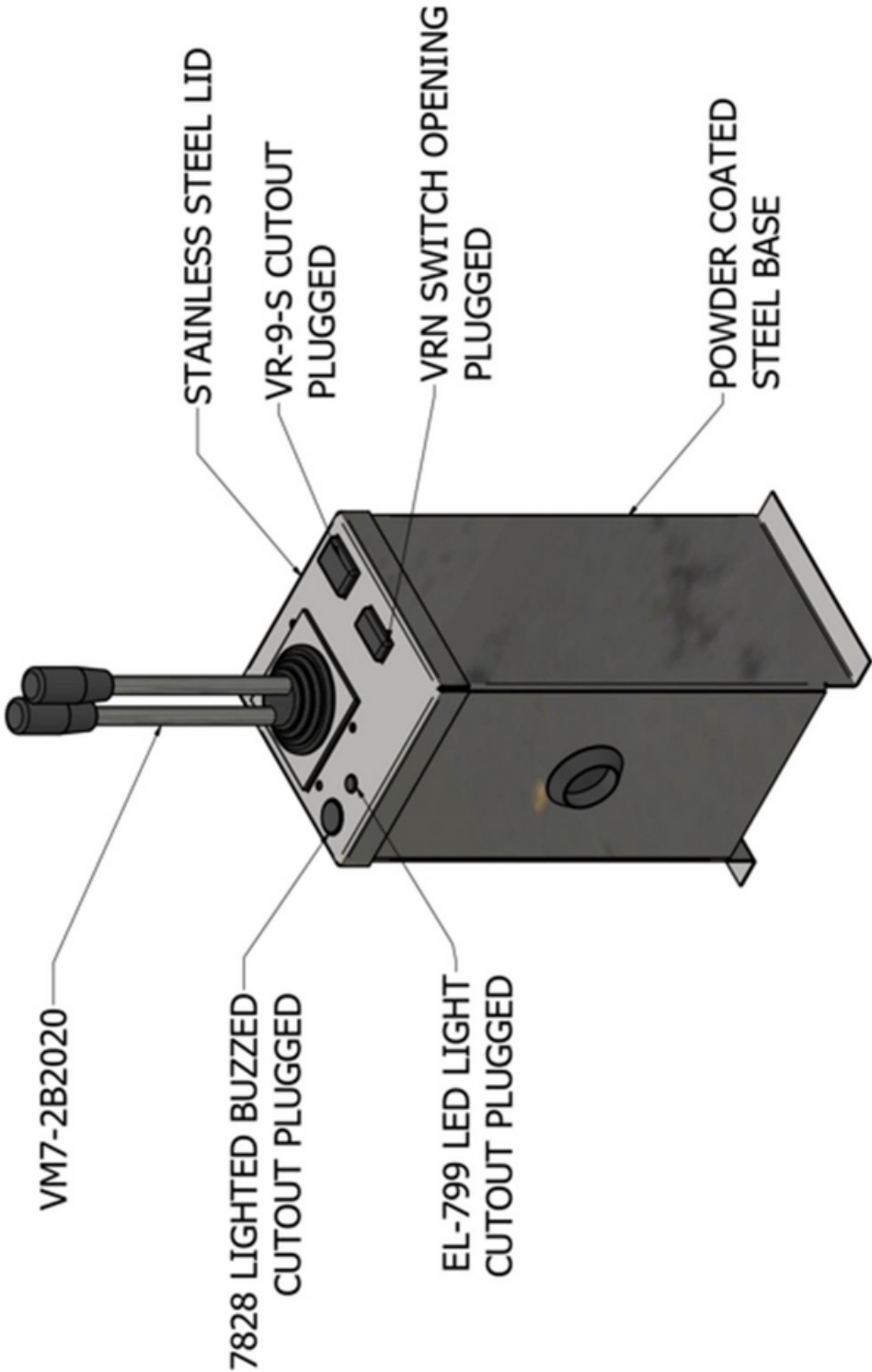


SECTION 5 - OPTIONAL FEATURES



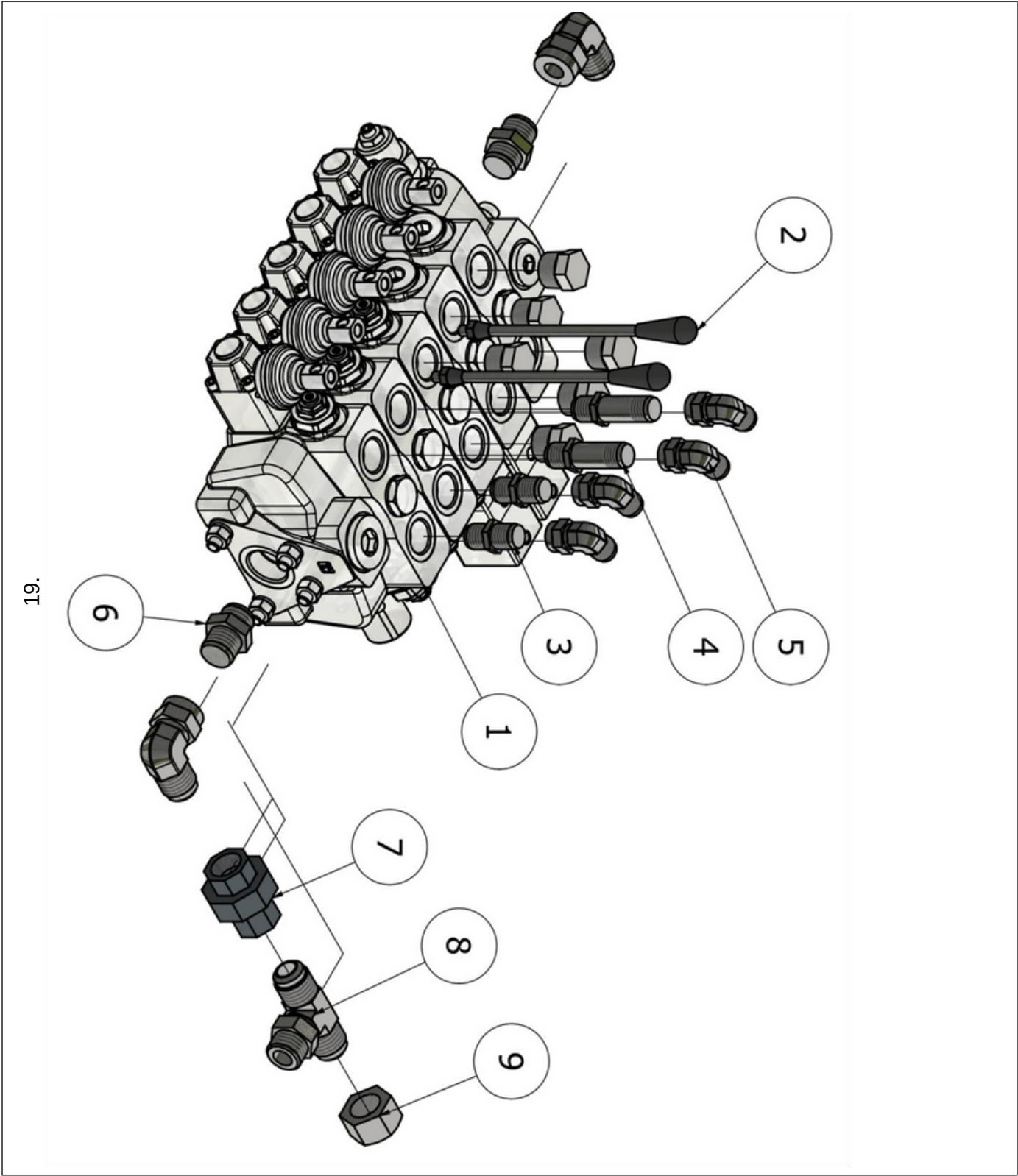
24. IN-CAB AIR CONTROL SYSTEM

18.





25. ADDITIONAL VALVE OPTIONS





9	6	HS-141-9	3/4 IN HEX HEAD PLUG
8	1	HS141-8	3/4 IN TEE
7	1	HS-141-7	3/4 IN UNION JIC
6	2	HS-141-6	1" OR X 3/4 NPT ADAPTER
5	4	HS-141-5	3/4 IN JIC SWIVEL 90
4	2	HS-141-4	3/4 IN X ORM X 3/4 JIC MALE
3	2	HS-141-3	3/4 IN X ORM X 3/4 JICm
2	2	HS-141-2	ADJUSTABLE HANDLE
1	1	HS-141-1	MONOBLOCK VALVE 160L/MIN
ITEM	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			



26. FENDER PACKAGE OPTIONS

20.

1

2

3

4

5

6

ITEM	QTY	PART NUMBER	DESCRIPTION
6	2	HS-134-6	1/4 IN X 5/8 UNC HEX BOLT GR8
5	10	HS-134-5	1/4 IN FLAT WASHER GR8
4	8	HS-134-4	1/4 IN X 3/4 UNC HEX BOLT GR 8
3	1	HS-134-3	CENTRAL FENDER SUPPORT
2	2	HS-134-2	SUPPORT FLAR BAR
1	1	HS-134-1	ALUMINUM FENDER

PARTS LIST



SECTION 6 - SERVICE & MAINTENANCE



27. ROUTINE MAINTENANCE GUIDE

MAINTENANCE

Your Titan Roll off hoist is built to perform with minimum maintenance. The hydraulic system should be inspected regularly for leak and for any damage hydraulic components. The cable should be inspected daily for cuts and frays which could result in cable failure when pulling load.

Following maintenance schedule:

WEEKLY

- 1.- Lubricate all sheaves pins hinge and working points
- 2.-Check hoist hydraulic and hoses leakage
- 3.-Check cable for wear

MONTH

- 1.- Check oil level in tank.
- 2.- Check to ensure all cable sheave are turning
- 3.- Check cylinders
- 3.- Check all body bolts to assure that are secure

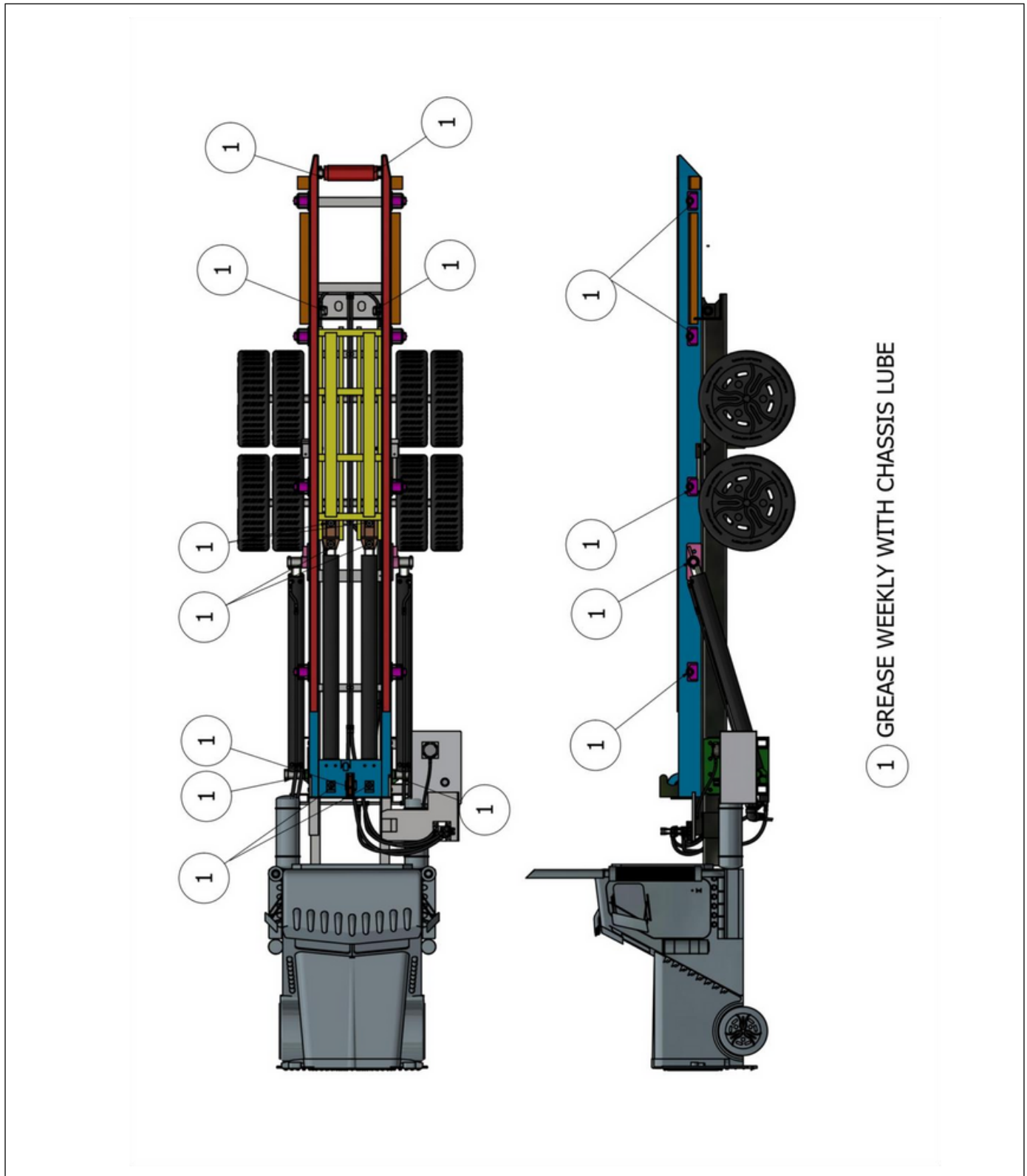
6 MONTHS:

- 1.-Remove return filter canister, clean and replace
- 2.-Check Cylinders

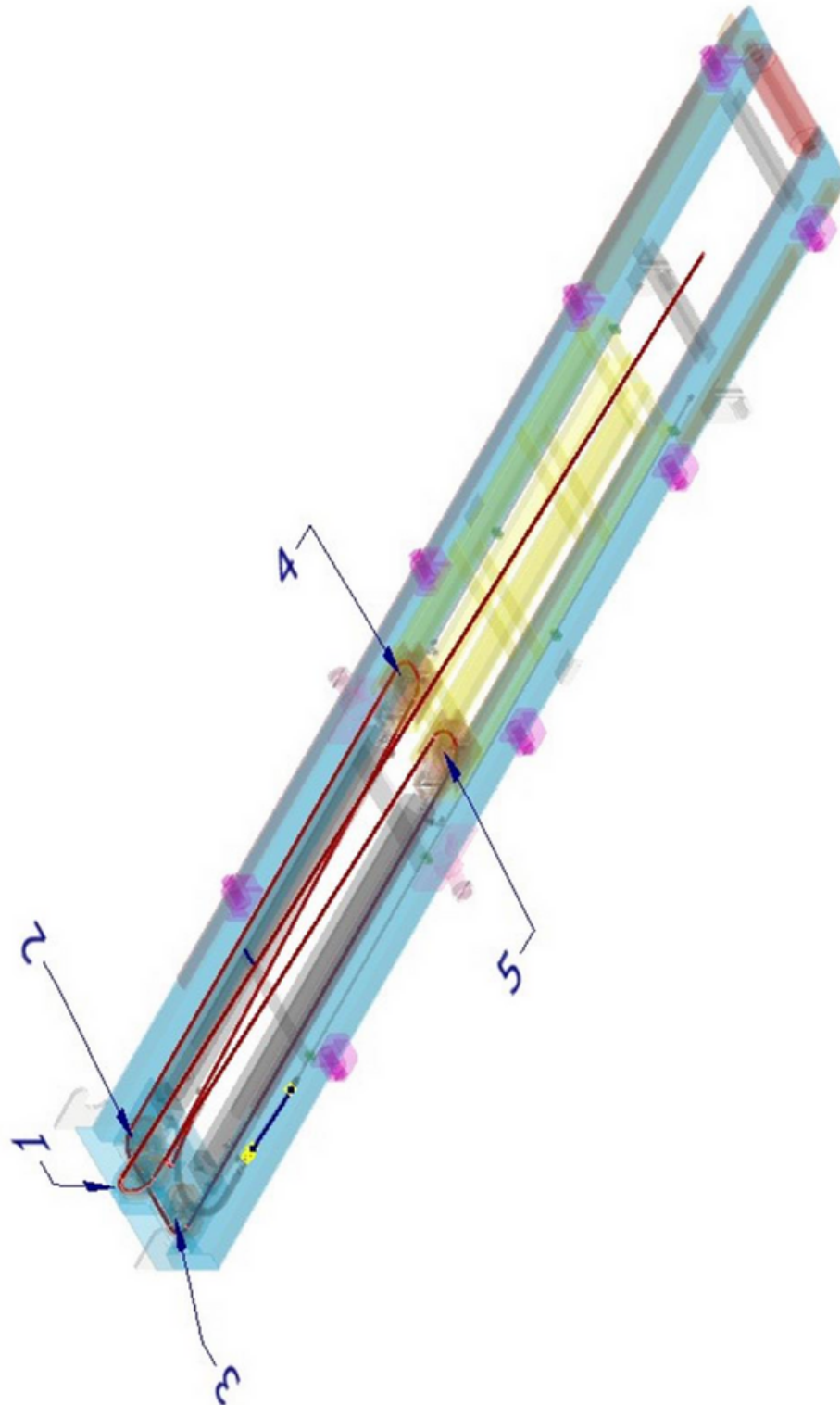
12 MONTHS:

- 1.- Drain oil from tank
- 2.- Remove suction filter
- 3.- Replace oil using a low weight oil anti-foam anti-wear additive, such as gulf harmony 32 AW

28. LUBRICATION REFERENCE CHART



29. LIFT CABLE REPLACEMENT PROCEDURE





MASTER PART LIST: