

IMPORTANT SAFETY INFORMATION

WARNING

The proper and safe lubrication and maintenance procedures for this machine, recommended by Desmonds Equipment are outlined in the Operators Guide for this machine.

Improper performance of lubrication or maintenance procedures is dangerous and could result in injury or death. Read and understand the Operators Guide before performing any lubrication or maintenance.

Take note of the following warning signs

WARNING:

SERIOUS PERSONAL INJURY OR EXTENSIVE PROPERTY DAMAGE CAN RESULT IF THE WARNING INSTRUCTIONS ARE NOT FOLLOWED



CAUTION:

MINOR PERSONAL INJURY CAN RESULT OR A PART OR AN ASSEMBLY CAN BE DAMAGED IF THE CAUTION INSTRUCTIONS ARE NOT FOLLOWED.



The person servicing the product may be unfamiliar with many of the systems on the product. This makes it important to use caution when performing service work. A knowledge of the system and/or components is important before the removal or disassembly of any component. Following is a list of basic precautions that should always be observed.

SAFETY SIGNS

Read and understand all Warning signs on the product before operating, lubricating or repairing this product. Replace any damaged illegible or missing warning plates, signs or decals.

PROTECTIVE EQUIPMENT

Always wear a hard hat, protective glasses, protective shoes and other protective equipment as required by job conditions when working around this product. In particular, wear protective glasses when pounding on any part of the product or its attachments with hammer or sledge. Use welders gloves, hood/goggles, apron and other protective clothing appropriate to welding job being performed. Do not wear loose clothing or jewelry that can catch on parts of the product.

PRESSURIZED ITEMS

1. Relieve all pressure in air, oil or water systems before any lines, fittings or related items are disconnected or removed. Always make sure all raised components are blocked correctly and be alert for possible pressure when disconnecting any device from a system that utilizes pressure.
2. Lower the bucket, blade, ripper or other attachments to the ground before performing any work on the machine. If this cannot be done, make sure the bucket, blade, ripper or other attachment is blocked correctly to prevent it from dropping unexpectedly.
3. Loose or damaged fuel, lubricant and hydraulic lines, tubes and hoses can cause fires. Do not bend or strike high pressure lines or install ones which have been bent or damaged. Check lines, tubes and hoses carefully. Do not use your bare hand for leaks. Pin hole leaks can result in high velocity fluid stream that will be invisible close to the hose, tube or line. This fluid can penetrate the skin and cause personal injury. Use a board or cardboard to check for leaks.

LIFTING

Use a hoist when lifting components which weigh 23 kg (50lb) or more, to avoid back injury. Make sure all chains, hooks, slings, etc., are in good condition and are the correct capacity. Be sure hooks are positioned correctly. Lifting eyes are not to be side loaded during a lifting operation.

IMPORTANT SAFETY INFORMATION

MOUNTING AND DISMOUNTING

Use steps and handholds when mounting or dismounting a machine. Clean any mud or debris from steps, walkways or work platforms before using. Always face machine when using steps, handholds and walkways. When it is not possible to use the designed access system, provide ladders, scaffolds or work platforms to perform safe repair operations.

HOT FLUIDS AND PARTS

1. To avoid burns, be alert for parts on machines which have just been stopped and hot fluids in lines, tubes and compartments.
2. Be careful when removing fill caps, breathers and plugs on the machine. Hold a rag over the cap or plug to avoid being splashed by liquid under pressure. the danger is even greater if the machine has just stopped because fluids can be hot

REPAIR

1. Disconnect battery and discharge any capacitors before starting to work on the product. Attach a "Do Not Operate" tag in the Operators Compartment.
2. If possible, make all repairs with the machine parked on a level, hard surface. Block machine to prevent it from rolling while working on or under machine.
3. Do not work on any machine that is supported only by a lift jack or a hoist. Always use blocks or jack stands to support the machine before performing any service disassembly.
4. Be careful when removing cover plates. Gradually back off the last two bolt or nuts located at opposite end of the cover device. Then pry the cover loose to relieve any spring or other pressure, before removing the last two bolts or nuts completely.
5. Always use tools that are in good condition and be sure you understand how to use them before performing any service work.
6. Replace all fasteners with same part number. Do not use lesser quality fastener if replacements are necessary.
7. Repairs, which require welding, should be performed only with the benefit of the appropriate reference information and by personnel adequately trained and knowledgeable in welding procedures. Determine type of metal being welded and select correct welding procedure and electrodes, rods or wire to provide a weld metal strength equivalent to that of parent metal.
8. Do not damage wiring during removal operations. Reinstall the wiring so it is not damaged nor will it be damaged in operation by contacting sharp corners, or by rubbing against some object or hot surface. Do not connect wiring to a line containing fluid.
9. Be sure all protective devices including guards and shields are properly installed and functioning correctly before starting a repair. If a guard or shield must be removed to perform the repair work, use extra caution. Repair any loose or damaged fluid lines, tubes or hoses because leaks can cause fires.
10. Always use lift arm supports to keep lift arms raised. Keep the attachment tilted down when maintenance or repair work is performed which requires the lift arms in the raised position.
11. Tighten connections to the correct torque. Make sure that all heat shields, clamps and guards are installed correctly to avoid excessive heat, vibration or rubbing against other parts during operation. Shields that protect against oil spray onto hot exhaust components in event of a line, tube or seal failure must be installed correctly.
12. Do not operate a machine if any rotating part is damaged or contacts any other part during operation. Any high speed-rotating component that has been damaged or altered should be checked for balance before reusing. Make sure all protective devices including guards and shields are properly installed and functioning correctly, before starting the engine or operating the machine.



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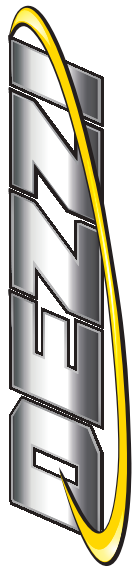
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DESMOND EQUIPMENT S.A.

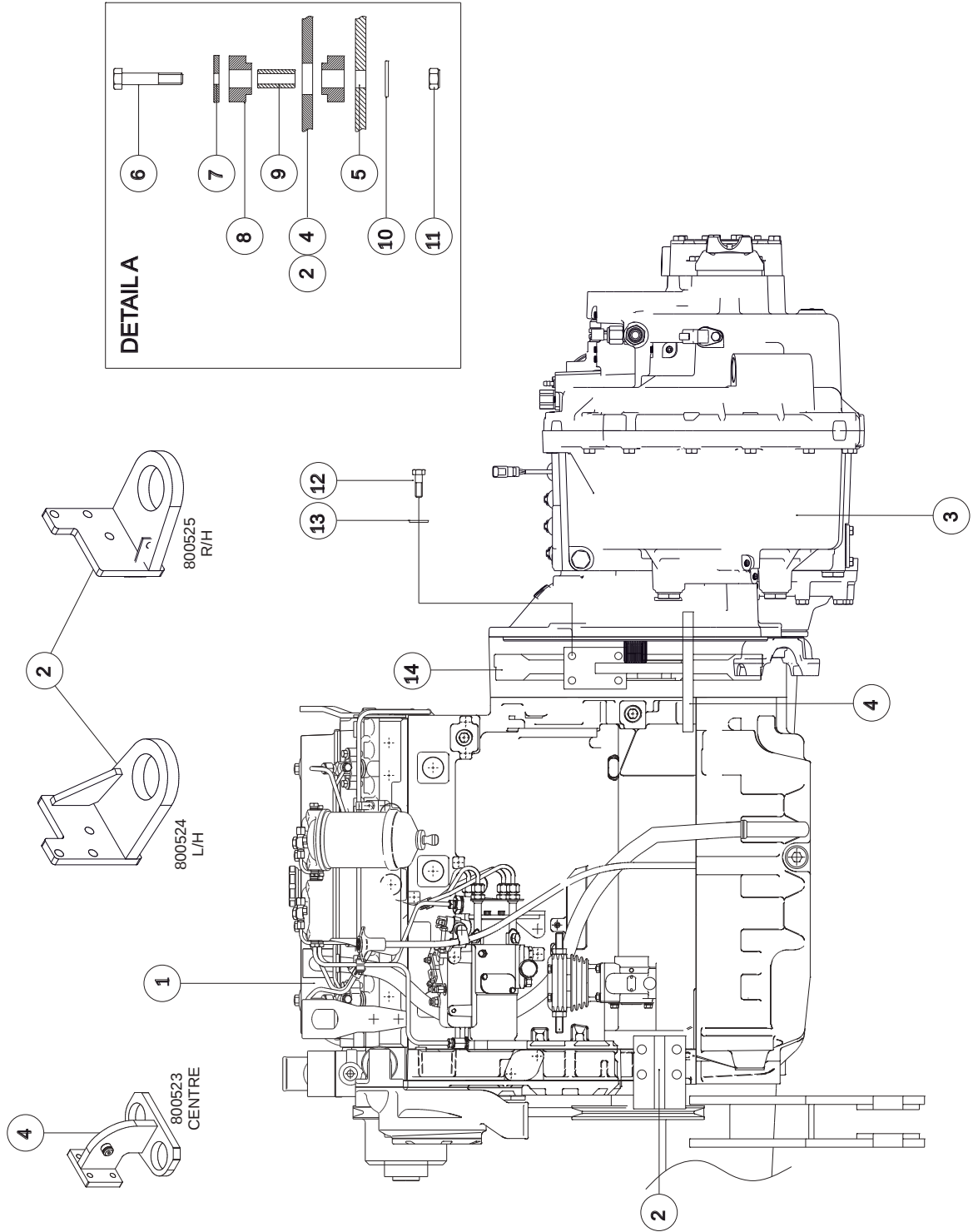
DESMOND SERVICE GUIDE
D.H. & D.A.H. RANGE

ENGINE	10	250	500	750	1000	1250	1500	1750	2000	3000
ENGINE OIL LEVEL	2	4	4	4	4	4	4	4	4	
OIL FILTERS`		7	7	7	7	7	7	7	7	
DIESEL FILTERS		7	7	7	7	7	7	7	7	
WATER SEPARATOR		2	7	2	7	2	7	2	7	
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FAN AND COWLING		2	2	2	2	2	2	2	2	
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AIR FILTER DUST BOWL		2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	
OIL / FUEL LEAKS		2	2	2	2	2	2	2	2	
ENGINE MOUNTINGS & BOLTS		2	2	2	2	2	2	2	2	
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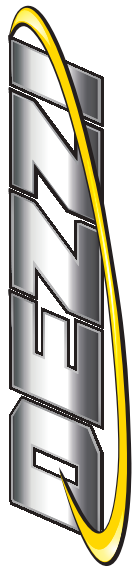
ENGINE MOUNTINGS



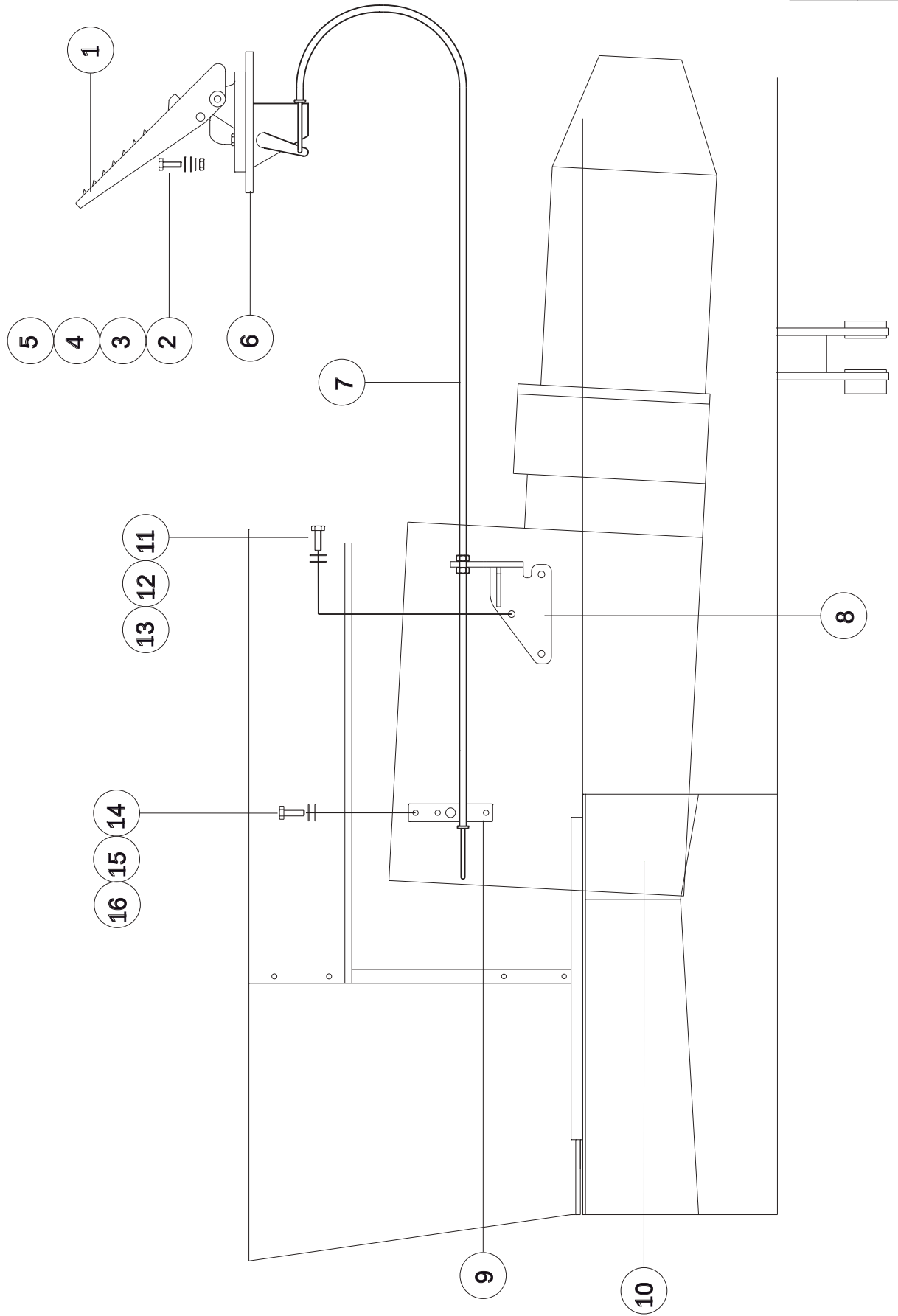


ENGINE MOUNTINGS

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	250009	Engine, Cummins
2	1	800525	Mounting, Engine R/H Side
3	1	800524	Mounting, Engine L/H Side
4	1	255522	Transmission, ITL 4x4, 6 Speed
5	2	800523	Mounting, Engine
6	1	260612	Chassis, H120T
7	6	100189	Bolt
8	6	800034	Plate, Rubber Mounting Retain
9	12	370214	Mounting, Rubber Engine/Transmission
10	6	800033	Ferrule, Engine/Transmission Mounting
11	6	105007	Washer
12	6	110075	Nut, Nyloc
13	8	100111	Bolt
14	8	105507	Washer
	1	802040	Flywheel, Cummins



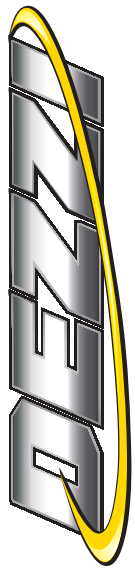
ACCELERATOR LAYOUT



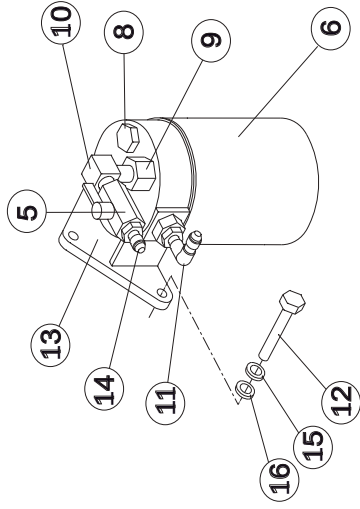


ACCELERATOR LAYOUT

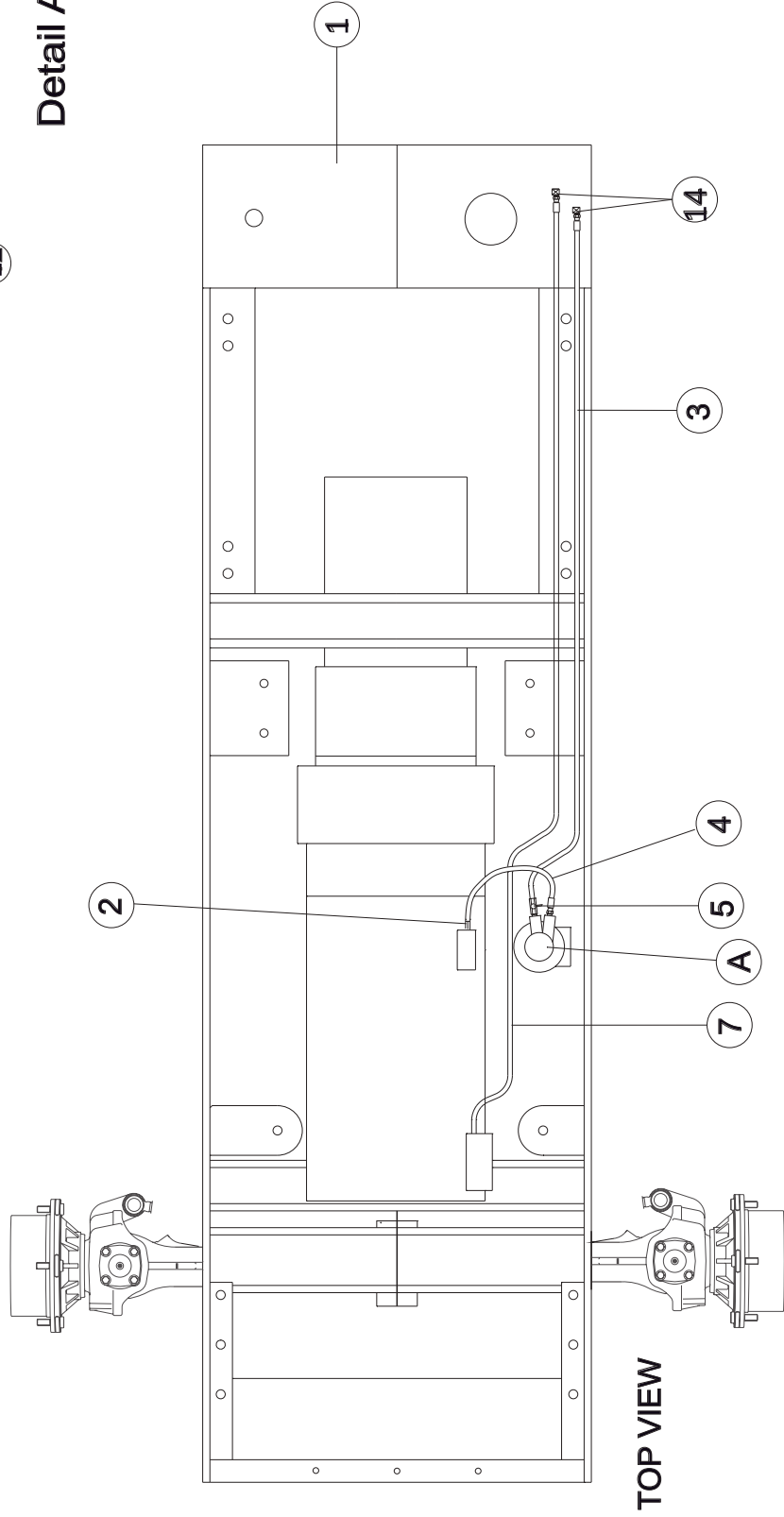
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	190136	Pedal, Accelerator
2	3	100213	Bolt
3	3	105013	Washer, Flat
4	3	105526	Washer, Fender
5	3	110067	Nut
6	1	801453	Plate, Accelerator Pedal Cable
7	1	370464	Cable, Accelerator
8	1	801294	Bracket, Accelerator Cable
9	1	801478	Lever, Accelerator
10	1	250009	Engine, Cummins 6bt
11	3	100210	Bolt
12	3	105013	Washer, Flat
13	3	105512	Washer, Spring
14	2	100081	Bolt
15	2	105536	Washer, Flat
16	2	105511	Washer, Spring



FUEL LINE LAYOUT



Detail A



TOP VIEW

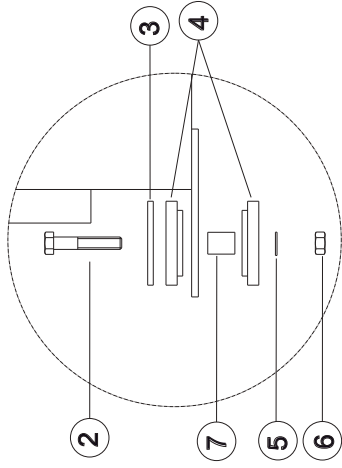
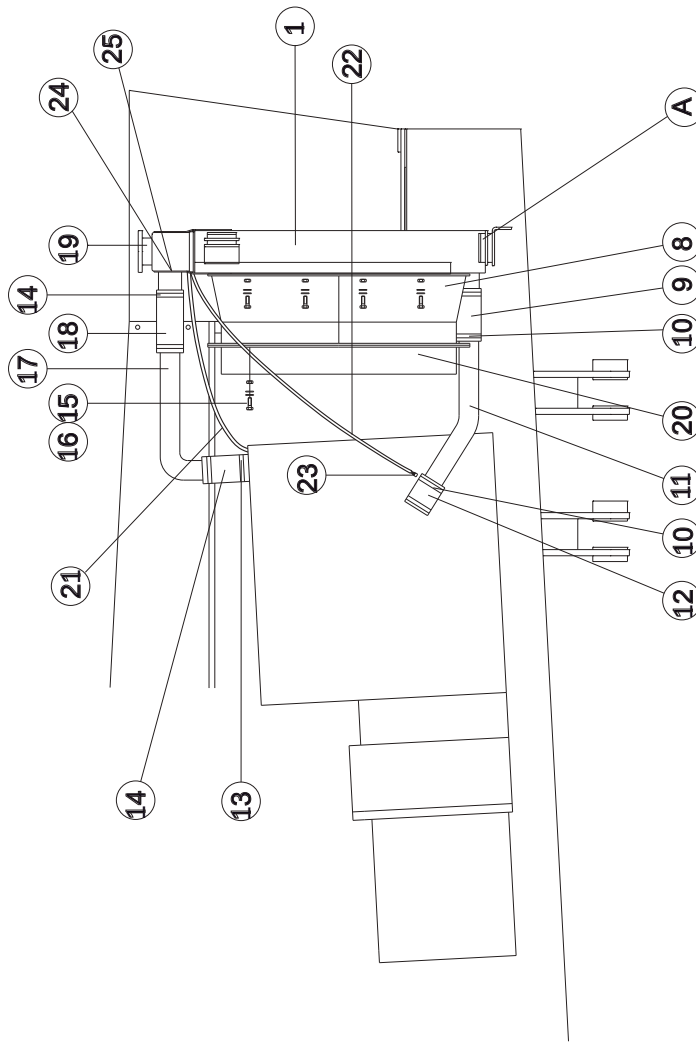


FUEL LINE LAYOUT

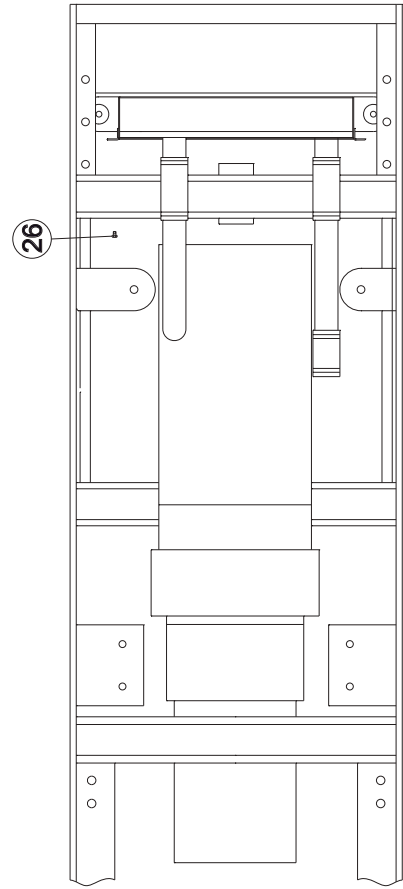
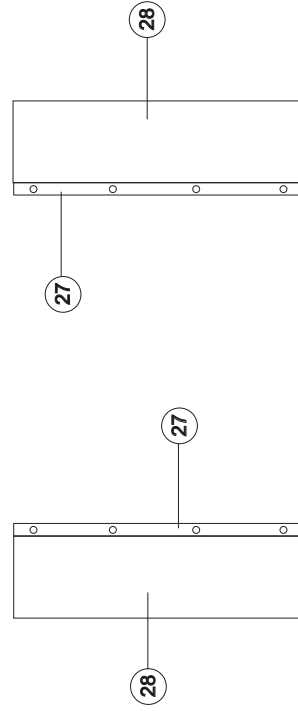
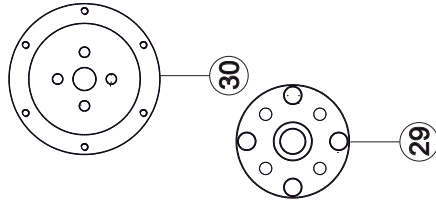
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260562	Tank, Diesel/Hydraulic
2	1	120051	Adaptor
3	1	240596	Hose, Diesel Tank To Water Trap
4	1	240627	Hose, Diesel Water Trap To Lift Pump
5	1	370824	Tap, Diesel Shut-off
6	1	350004	Filter, Diesel/Water Trap
7	1	240859	Hose, Diesel Leak-off Return
8	2	350081	Plug
9	1	120298	Adaptor
10	1	120417	Adaptor
11	1	120419	Adaptor
12	3	100023	Bolt
13	1	350006	Head, Water/Diesel Separator
14	3	120149	Adaptor
15	3	105537	Washer, Spring
16	3	105014	Washer, Flat



ENGINE COOLING



DETAIL A

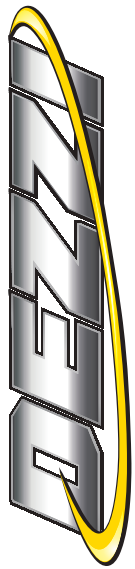


TOP VIEW

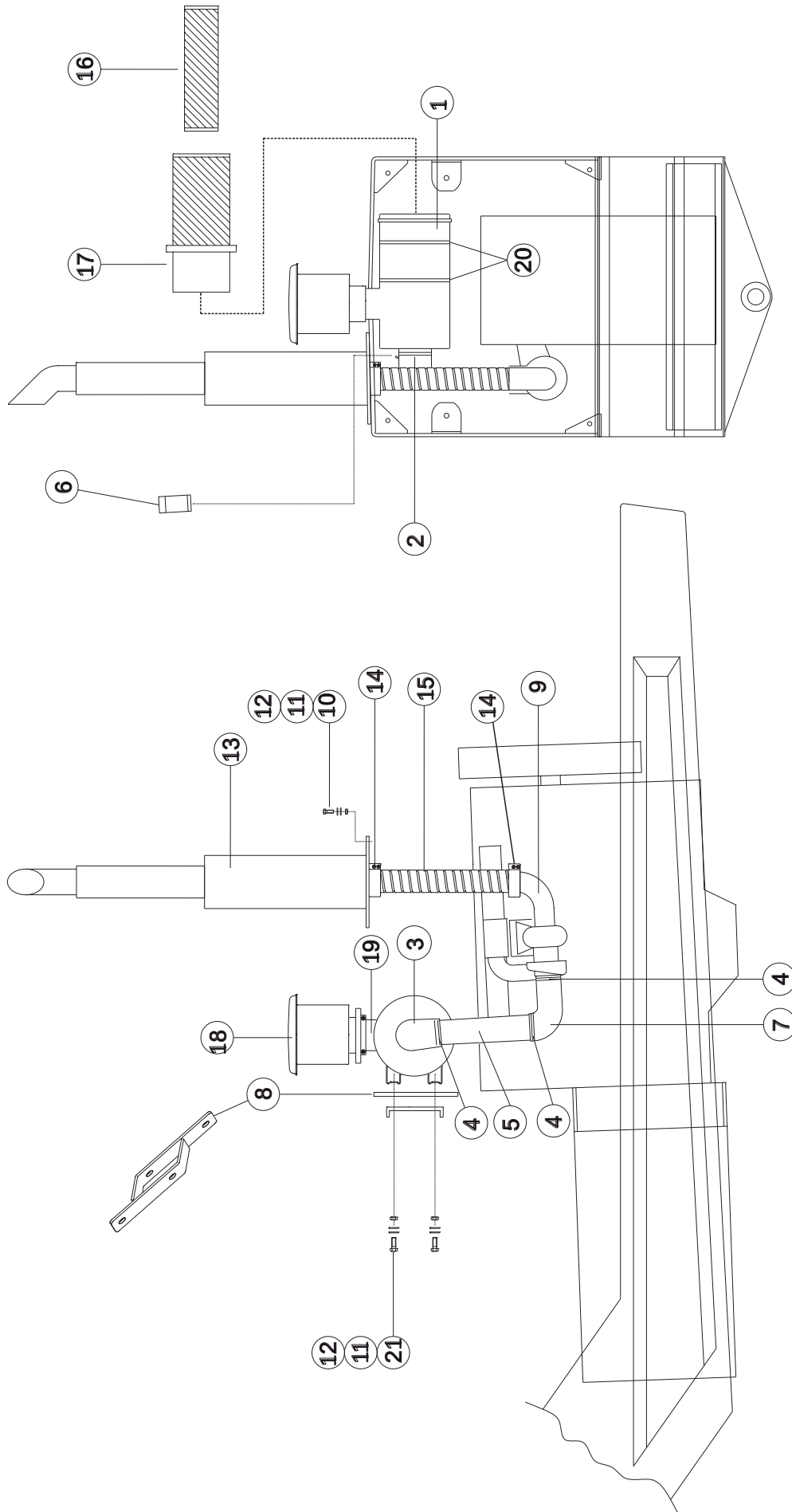


ENGINE COOLING

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	380062	Radiator
2	4	100138	Bolt
3	4	800059	Plate, Radiator Mounting
4	8	370018	Mounting Rubber, Radiator
5	4	105016	Washer, Flat
6	4	110009	Nut
7	4	800058	Ferrule, Radiator Mounting
8	1	803183	Cowling, Fan, Bottom
	1	803182	Cowling, Fan, Top
9	1	130042	Hose, Radiator Bottom
10	4	200025	Clamp
11	1	371154	Pipe, Cummins 6BT Radiator Bottom
12	1	241231	Hose, Radiator Bottom
13	4	200023	Clamp
14	1	130130	Hose, Radiator Top
15	8	100149	Bolt
16	16	105525	Washer, Flat
17	1	371153	Pipe, Radiator Top
18	1	241232	Hose, Radiator Top
19	1	370099	Radiator Cap
20	1	371071	Fan, Cummins
	1	371029	Belt Fan
21	1	240875	Hose, Radiator To Engine Top
22	1	240874	Hose, Radiator To Engine Bottom
23	1	120125	Adaptor
24	1	120075	Adaptor
25	1	CU0060	Plug
26	1	120040	Plug
27	2	803193	Plate, Re-circulation Clamp
28	2	803197	Rubber, Re-circulation Plates Sides
29	1	801422	Spacer, Cooling Fan
30	1	802568	Adaptor Plate, Cooler, Ring Fan



AIR FILTER & EXHAUST ASSEMBLY





AIR FILTER & EXHAUST ASSEMBLY

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	350046	Filter, Air Complete
2	1	801688	Plate, Spacer, Air Filter Mount
3	1	200066	Clamp
4	1	370194	Elbow, Rubber
5	3	200018	Clamp
6	1	370954	Pipe, Air Intake
7	1	370819	Indicator, Air Filter
8	1	370075	Elbow, Rubber
9	1	801253	Bracket, Air Filter Mounting
10	1	190102	Elbow, Exhaust
11	8	100224	Bolt
12	20	105014	Washer, Flat
13	10	110032	Nut, Nyloc
14	1	371147	Exhaust, Silencer
15	2	370693	Clamp
16	1	370691	Pipe, Exhaust Flexi
17	1	350044	Filter, Inner Element
18	1	350045	Filter, Outer Element
19	1	350121	Filter, Pre-cleaner
20	1	350084	Reducer, Stack
21	2	370735	Band Mounting FRG 13 Air Filter
	4	100224	Bolt

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DESMOND EQUIPMENT S.A.

DESMOND SERVICE GUIDE
D.H. & D.A.H RANGE

TRANSMISSION	10	250	500	750	1000	1250	1500	1750	2000	3000
TRANSMISSION OIL LEVEL	2	2	4	2	4	2	4	2	4	
TRANSMISSION OIL FILTER (EXT)		7	7		7		7		7	
INTERNAL SUMP FILTER, CHECK S/No.					7				7	
BREATHER		2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	
MOUNTING BOLTS		2	2	2	2	2	2	2	2	
DIPSTICK SEAL		2	2	2	2	2	2	2	2	
OIL COOLER - PIPES - CHAFING		2	2	2	2	2	2	2	2	
SELECTOR CABLE & LINKAGE		2	2	2	2	2	2	2	2	
MODULATOR CABLE & LINKAGE		2	2	2	2	2	2	2	2	
GENERAL LEAKS	2	2	2	2	2	2	2	2	2	
OIL COOLER - CLEAN FINS	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	
TRANSMISSION MOUNTING BOLTS		2	2	2	2	2	2	2	2	

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TRANSMISSION OIL COOLING SYSTEM

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	380062	Radiator, Cummins 6BT
2	2	120402	Adaptor
3	2	120104	Washer, Dowty
4	1	240861	Hose, Cooler To Transmission
5	1	240862	Hose, Transmission To Cooler
6	1	255523	Converter, Torque
7	1	100082	Bolt
8	1	105511	Washer, Spring
9	1	105536	Washer, Flat
10	1	IT0072	Dipstick, Transmission
11	1	802088	Bracket, Dipstick Support
12	1	190137	Tube, Dipstick
13	1	IT0022	Nut, Dipstick
14	2	120330	T-piece
15	1	300020	Plug
16	1	120066	Adaptor
17	1	120105	Washer, Dowty
18	1	350131	Filter, Transmission
19	1	300010	Clamp
20	1	255522	Transmission
21	1	255523	Torque Converter, Transmission
	1	370099	Radiator Cap
	1	380062	Cooler, Transmission

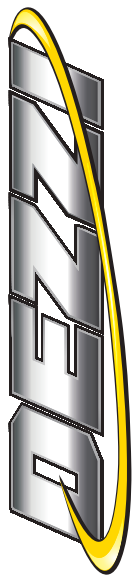
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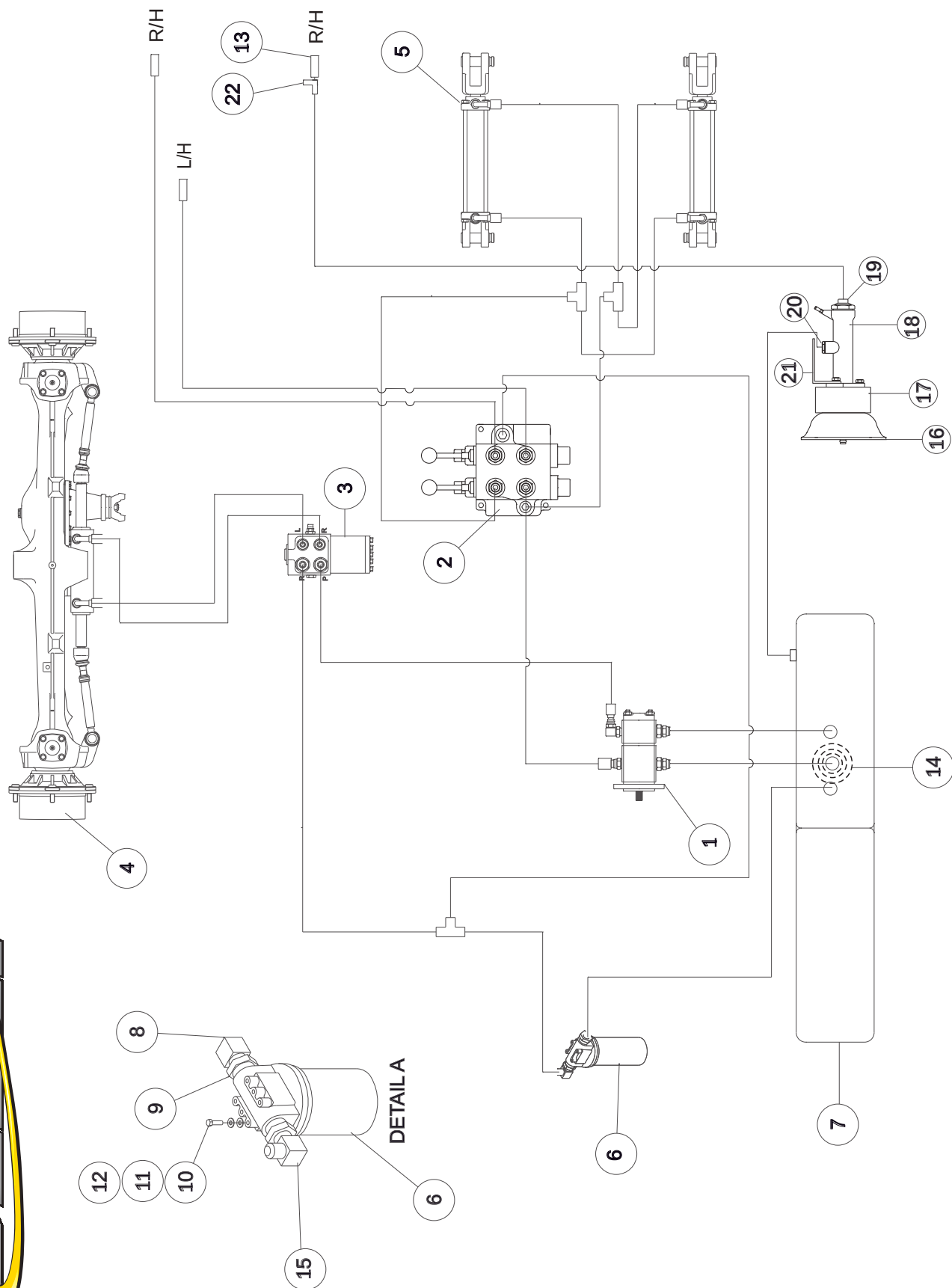
DESMOND SERVICE GUIDE
D.H. & D.A.H. RANGE

	10	250	500	750	1000	1250	1500	1750	2000	3000
HYDRAULICS										
HYDRAULIC OIL LEVEL	2	2	2	2	2	2	2	2	4	
HYDRAULIC RETURN FILTERS		7	7		7		7		7	
SUCTION SCREEN									2-3	
SUCTION HOSE		2	2	2	2	2	2	2	2	
OIL FILLER CAP & SEAL		2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	
HITCH & STEERING CYLINDER LEAKS	2	2	2	2	2	2	2	2	2	
ORBITAL OPERATION - LEAKS		2	2	2	2	2	2	2	2	
HYDRAULIC TANK MOUNTING BOLTS		2	2	2	2	2	2	2	2	
SIGHT GLASS - LEAKS		2	2	2	2	2	2	2	2	
INSPECTION COVERS - LEAKS		2	2	2	2	2	2	2	2	
MAIN PUMP - LEAKS - NOISE		2	2	2	2	2	2	2	2	
VALVE BANK - CONTROL LEVERS		2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	
HOSE FITTING - LEAKS - CHAFING		2	2	2	2	2	2	2	2	
PRESSURES CORRECT		2	2	2	2	2	2	2	2	
HITCH CYLINDER CONDITION		2	2	2	2	2	2	2	2	

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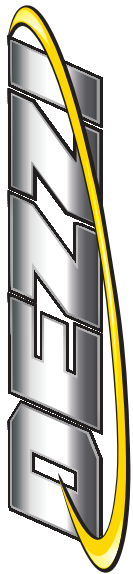
HYDRAULIC SCHEMATIC - HOSES



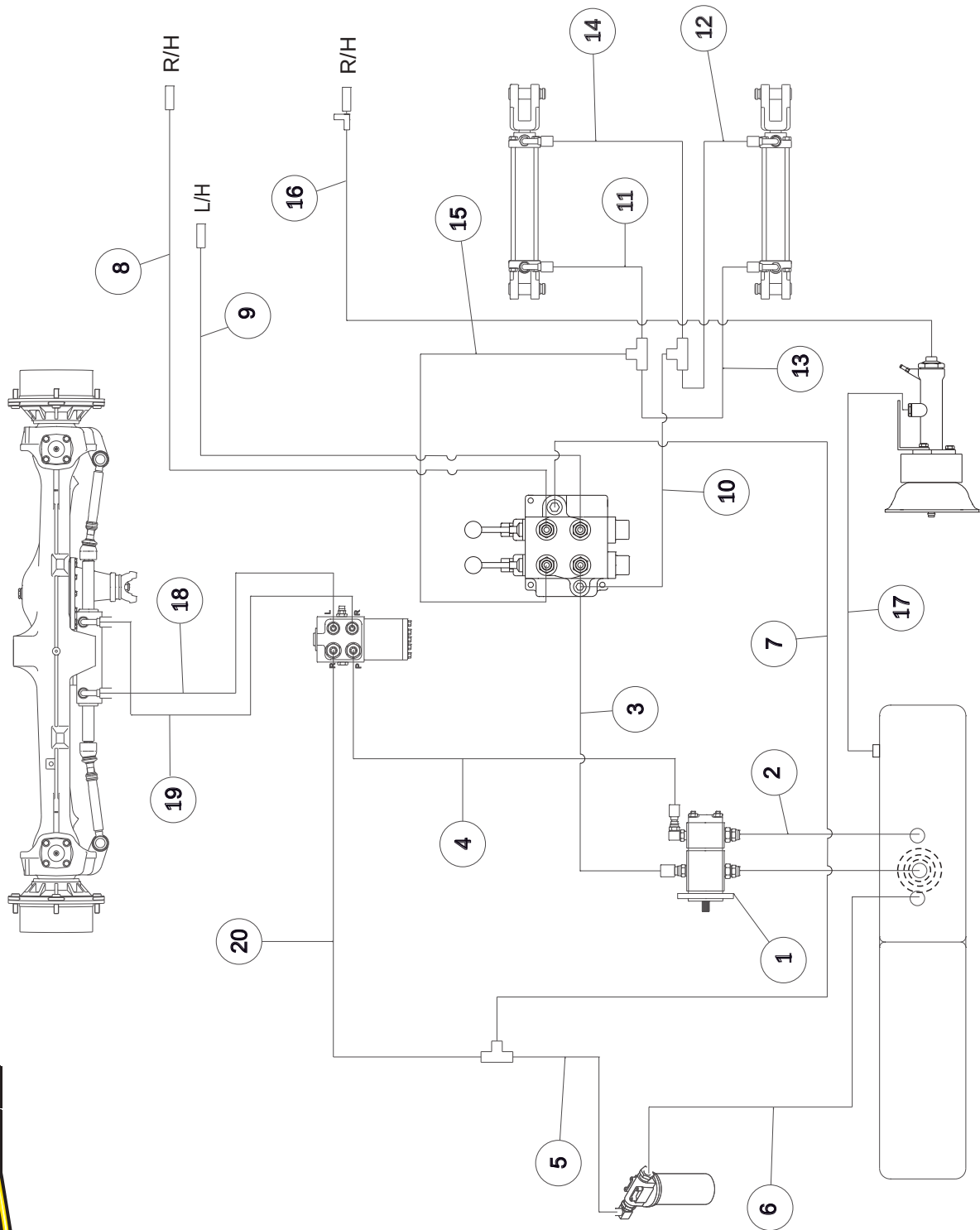


HYDRAULIC SCHEMATIC - COMPONENTS

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	210218	Pump, Hydraulic
2	1	210006	Valve Bank, Meta
3	1	210017	Valve, Orbital Meta
4	1	330025	Axle, Front
5	2	190183	Cylinder, Tow Hitch
6	1	350019	Filter, Hydraulic Spin-on
7	1	260562	Tank, Hydraulic/Diesel
8	1	120047	Adaptor
9	2	120192	Reducer
10	2	100011	Bolt
11	2	105012	Washer, Spring
12	2	105013	Washer, Flat
13	1	120252	Bulkhead
14	1	350051	Strainer, Suction
15	1	350018	Head, Hydraulic Filter
16	1	300190	Booster
17	1	801197	Adaptor
18	1	801198	Bracket Booster
19	1	120082	Adaptor
20	1	210126	Actuator, Master Cylinder
21	1	120609	Adaptor
22	1	120417	Adaptor



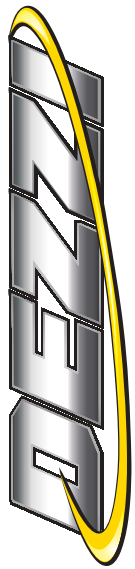
HYDRAULIC SCHEMATIC - HOSES



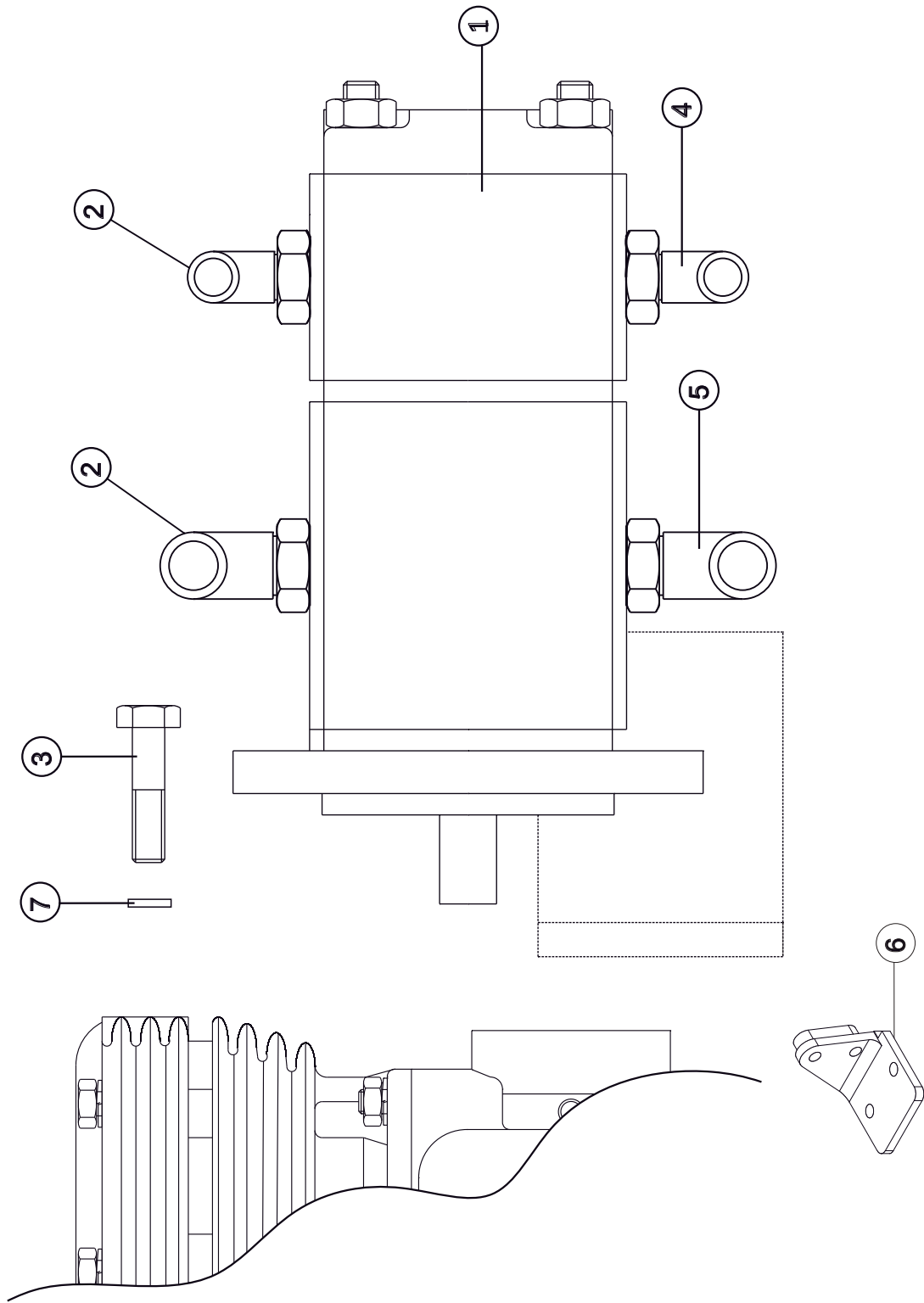


HYDRAULIC HOSE SCHEMATIC

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	240865	Hose, Suction From Hydraulic Tank To Hydraulic Pump
2	1	240864	Hose, Suction From Hydraulic Tank To Hydraulic Pump
3	1	240391	Hose, Supply From Pump To Valve Bank
4	1	241228	Hose, Supply From Hydraulic Pump To Orbital Valve
5	1	241224	Hose, Return From T-piece To Filter
6	1	241334	Hose, Return From Filter To Hydraulic Tank
7	1	240421	Hose, Return From Valve Bank To T-piece
8	1	241564	Hose, Supply From Valve Bank To Rear Axle
9	1	241564	Hose, Supply From Valve Bank To Rear Chassis
10	1	801463	Hose, Supply From Valve Bank To T-piece
11	1	240869	Hose, Supply From T-piece To Hydraulic Cylinder
12	1	241227	Hose, Return From Hydraulic Cylinder To T-piece
13	1	240172	Hose, Supply From T-piece To Hydraulic Cylinder
14	1	240652	Hose, Return From T-piece To Hydraulic Cylinder
15	1	240617	Hose, Return From T-piece To Valve Bank
16	1	240790	Hose, Supply From Master Cylinder to Rear Bulkhead
17	1	241456	Hose, Supply From Tank To Master Cylinder
18	1	241331	Hose, Supply/Return From Orbital Valve To Front Axle
19	1	240870	Hose, Supply/Return From Orbital Valve To Front Axle
20	1	240871	Hose, Return From Orbital Valve To T-piece



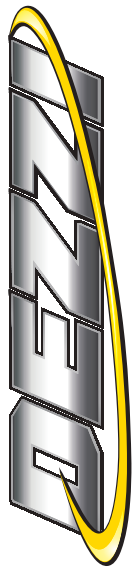
HYDRAULIC PUMP



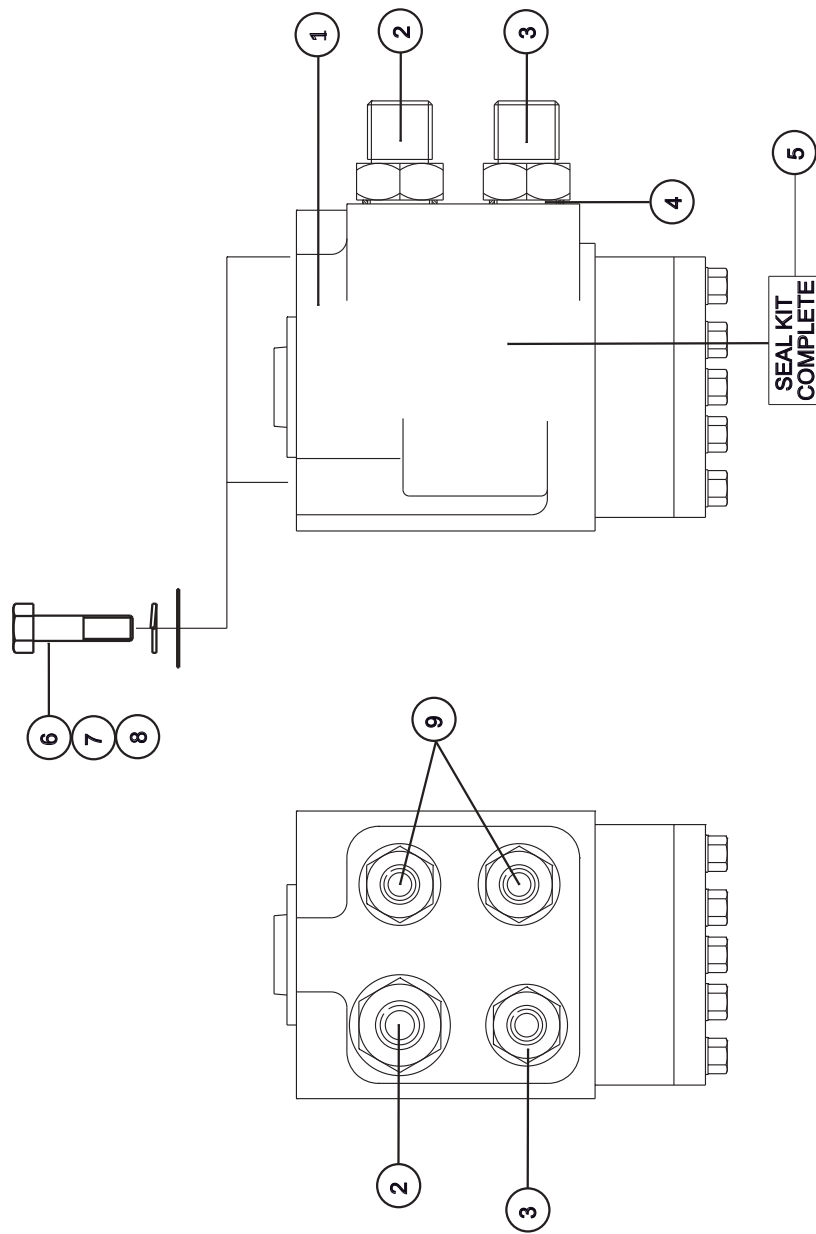


HYDRAULIC PUMP

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	210218	Pump, Hydraulic 28cc
2	2	120193	Adaptor
3	2	100095	Bolt
4	1	120178	Adaptor
5	1	120187	Adaptor
6	1	801468	Bracket, Compressor Mount
7	2	105014	Washer, Flat



ORBITAL VALVE



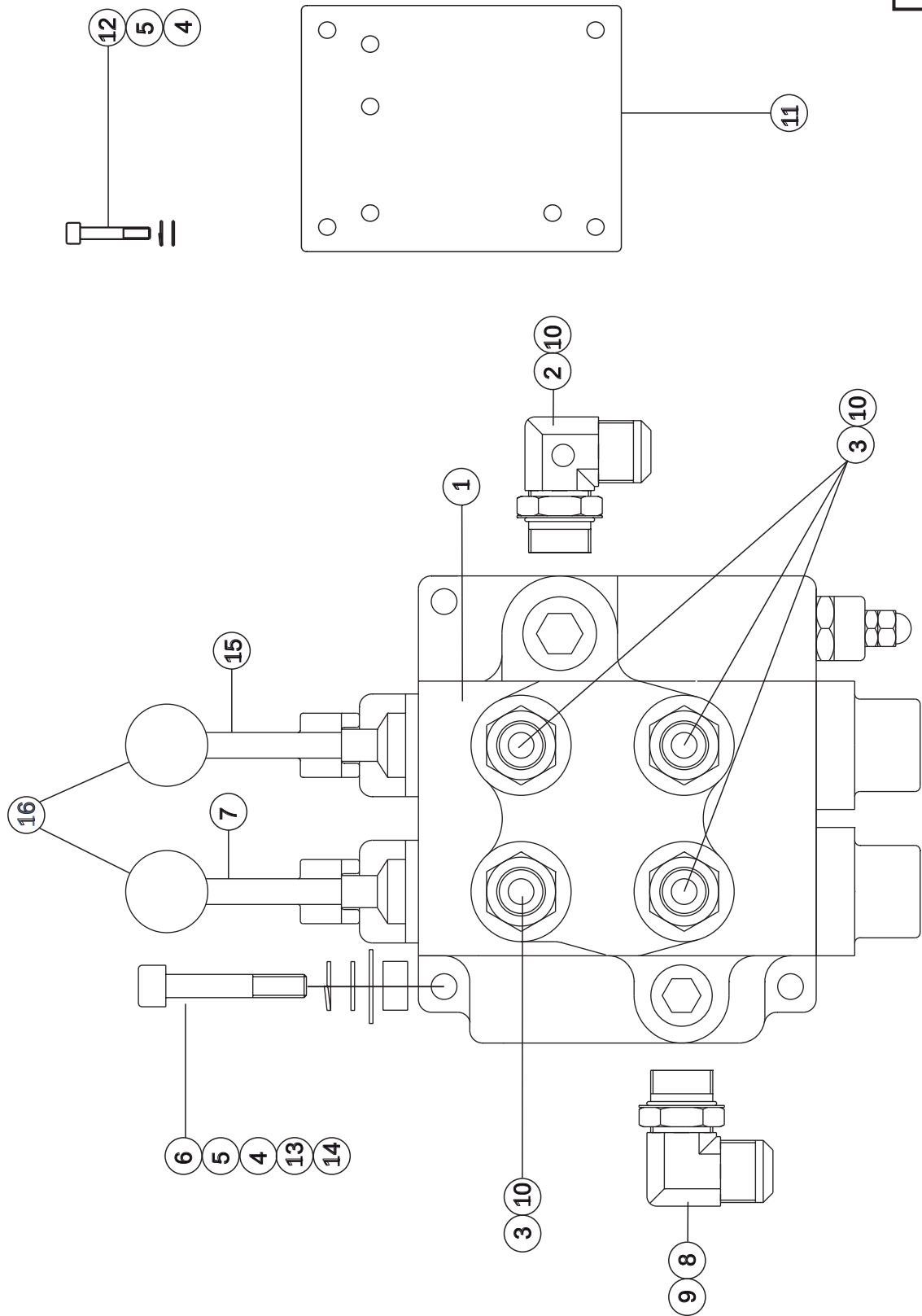


ORBITAL VALVE

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	210017	Valve, Orbital Meta
2	1	120066	Adaptor
3	1	120067	Adaptor
4	4	120105	Washer, Dowty
5	1	140036	Kit, Orbital valve
6	4	100090	Bolt
7	4	105537	Washer, Spring
8	4	105014	Washer, Flat
9	2	120149	Adaptor



VALVE BANK



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VALVE BANK

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	210006	Valve Bank, Double
2	1	190139	Adaptor
3	4	120067	Adaptor
4	7	105013	Washer, Flat
5	7	105512	Washer, Spring
6	3	100045	Bolt, Allen Cap
7	1	801392	Lever, Hydraulic Valve - Long
8	1	120402	Adaptor
9	1	120104	Washer, Dowty
10	5	120105	Washer, Dowty
11	1	801885	Plate Mount, Valve Bank Hauler Series
12	4	100149	Bolt
13	3	110067	Nut, Nyloc
14	3	105525	Washer, Fender
15	1	801393	Lever, Hydraulic Valve - Short
16	2	370015	Knob Selector

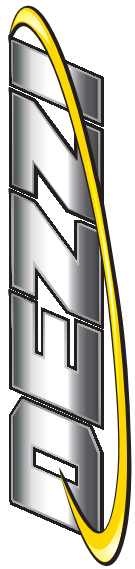
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DESMOND EQUIPMENT S.A.

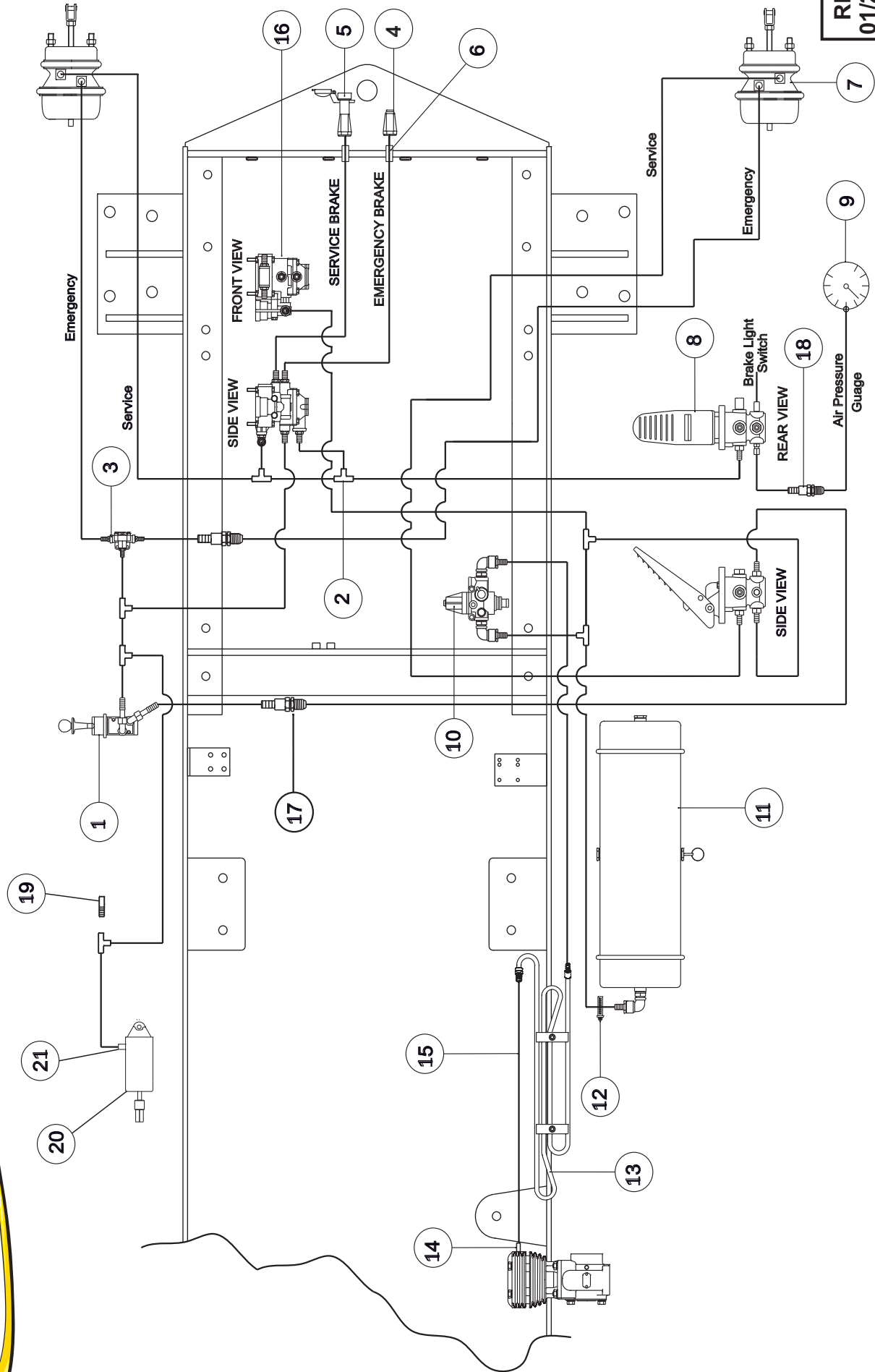
DESMOND SERVICE GUIDE
D.H & D.A.H RANGE

AIR SYSTEM	10	250	500	750	1000	1250	1500	1750	2000	3000
UNLOADER VALVE OPERATION & SET TO 8.5 BAR MAXIMUM		2	2	2	2	2	2	2	2	
AIR TANKS	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	
ALL HOSES - LEAKS - CHAFING		2	2	2	2	2	2	2	2	
COMPRESSOR OPERATION		2	2	2	2	2	2	2	2	
BOOSTERS - LEAKS - OPERATION	2	2	2	2	2	2	2	2	2	
PRESSURE GAUGE OPERATION		2	2	2	2	2	2	2	2	
HANDBRAKE VALVE & OPERATION		2	2	2	2	2	2	2	2	
BOOSTER CONDITION		2	2	2	2	2	2	2	2	
AIR DRYER & FILTER					7				7	

- 1 = ADJUST
- 2 = CHECK
- 3 = CLEAN
- 4 = DRAIN / REFILL
- 5 = GREASE
- 6 = RECYCLE
- 7 = RENEW
- 8 = CHANGE WHEN INDICATOR SHOWS "RED"



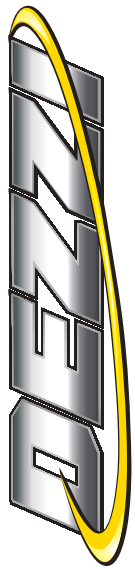
PNEUMATIC SCHEMATIC



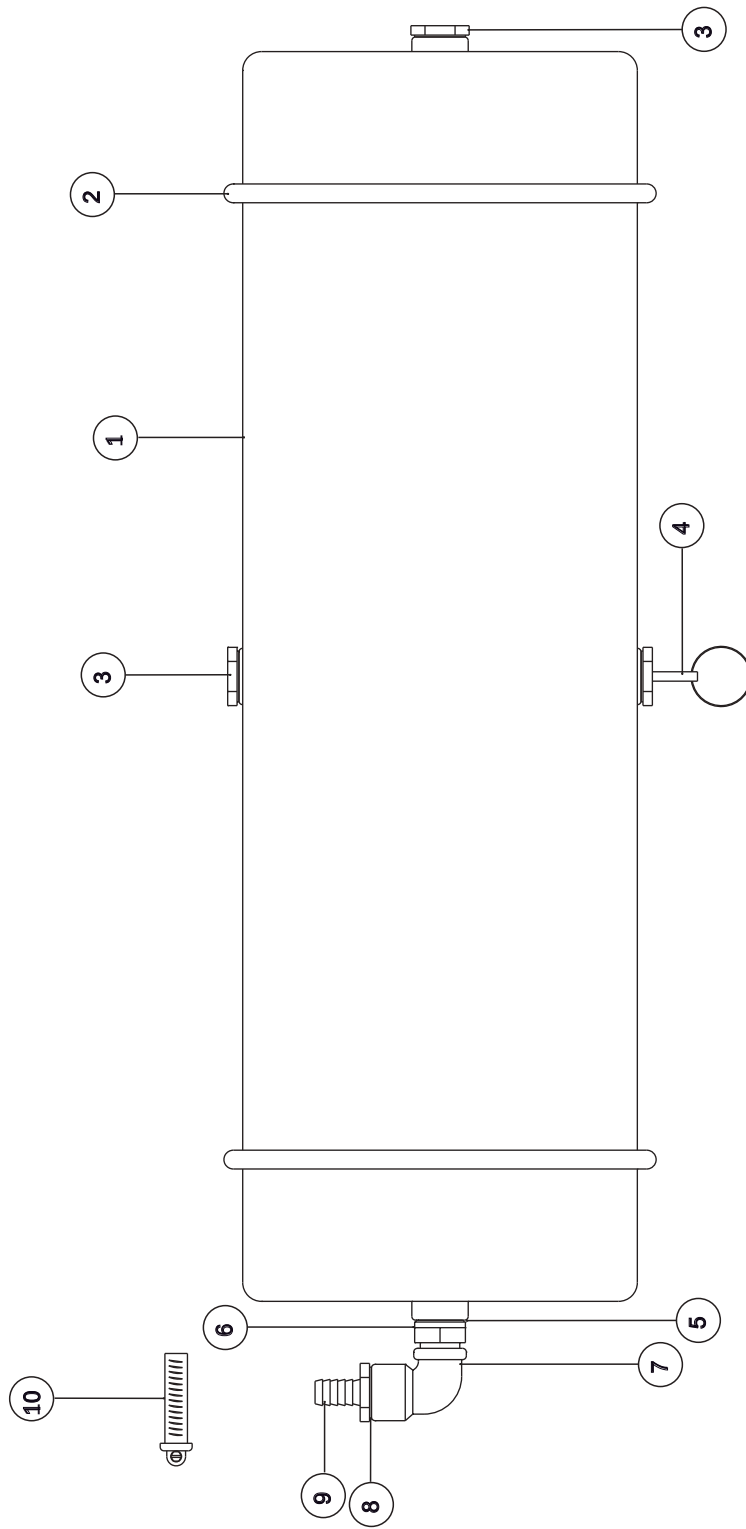


PNEUMATIC SCHEMATIC

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	300026	Valve, Handbrake
2	5	300033	Hose, Tee
3	1	300015	Valve, Quick Release
4	1	300011	Coupling, Male
5	1	300012	Coupling, Female
6	2	300068	Bulkhead, Hose-tail
7	2	300190	Spring Brake Type 24
8	1	300027	Valve, Foot Single Circuit
9	1	440036	Gauge, 0-10kpa Air Pressure
10	1	300024	Valve, Unloader
11	1	300001	Tank
12	as req	300010	Clamp, Hose
13	1	801292	Radiator Compressor Pipe
14	1	120049	Adaptor
15	1	240312	Hose, Compressor Outlet
16	1	300060	Valve, Trailer Predominance
17	2	300068	Bulkhead
18	1	300182	Bulkhead, Air Fitting
19	1	440069	Switch, Hydraulic Brake
20	1	300103	Cylinder, Park Brake
21	1	300082	Union



RESERVOIR TANK





RESERVOIR TANK

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	300001	Reservoir Tank
2	2	300002	Strap
3	2	300004	Plug
4	1	300003	Manual Drain Valve
5	1	300009	O-ring
6	1	300008	T-ring
7	1	300007	M/f Elbow
8	4	300006	Washer
9	1	300005	Adaptor
10	2	300010	Clamp, Hose

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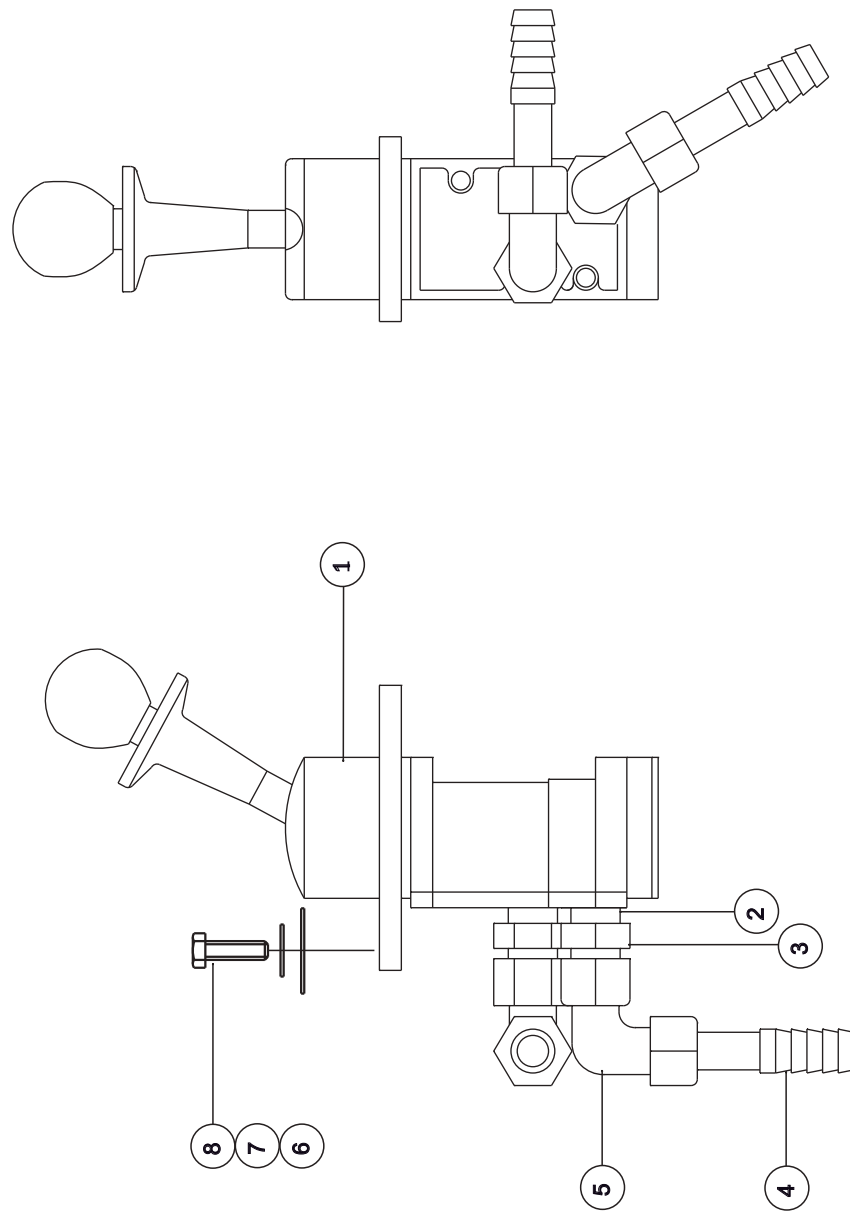


BRAKE VALVE ASSEMBLY

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	3	100149	Bolt
2	6	105013	Washer, Flat
3	3	110064	Nut
4	1	300027	Brake Valve
5	4	300013	Adaptor, Hose
6	1	300022	Union
7	1	440068	Low Pressure Warning Switch
8	1	440072	Switch, Stop Light
9	1	300023	Insert, Hose
10	1	300021	Plug



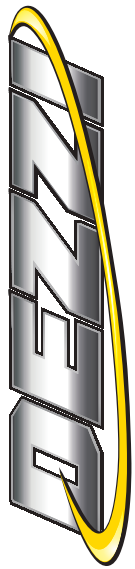
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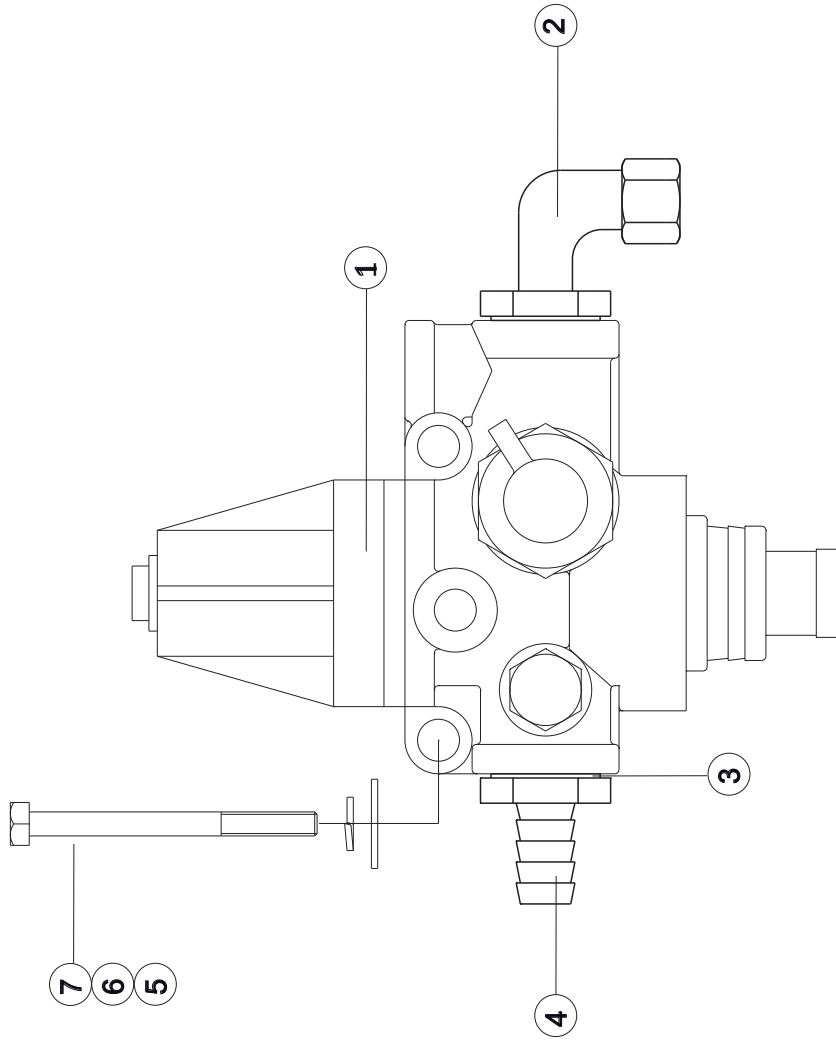


HAND CONTROL VALVE

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	300026	Valve, Handbrake
2	2	300019	Washer
3	2	300147	Union
4	2	300018	Hose Tail
5	2	300017	Union, Swivel
6	2	105536	Washer, Flat
7	2	105511	Washer, Spring
8	2	100263	Bolt, Allen Cap



UNLOADER VALVE



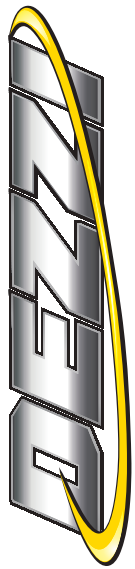


UNLOADER VALVE

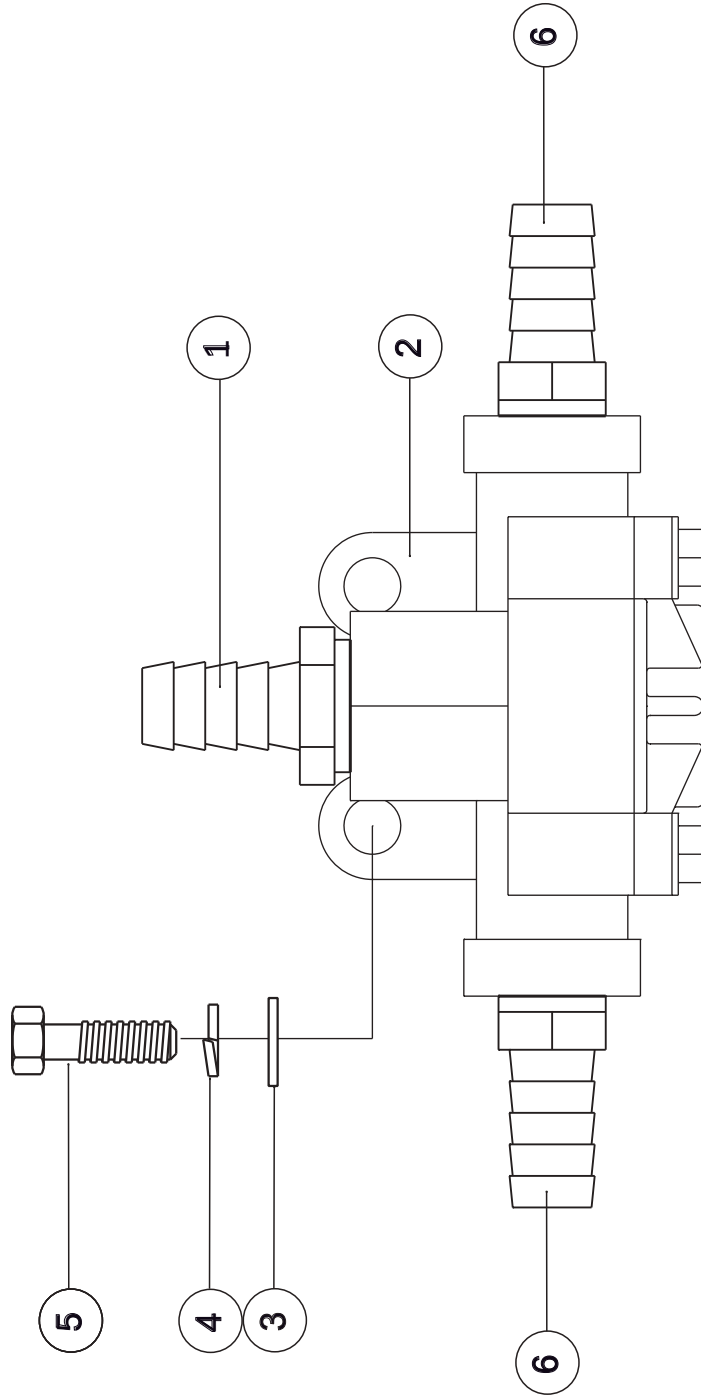
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	300024	Valve, Unloader 8.1 Bar
2	1	300007	M/F elbow
3	2	300006	Washer, Aluminium
4	1	300053	Hose Tail
5	2	105013	Washer, Flat
6	2	105512	Washer, Spring
7	2	100108	Bolt

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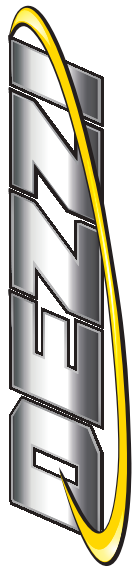
QUICK RELEASE VALVE



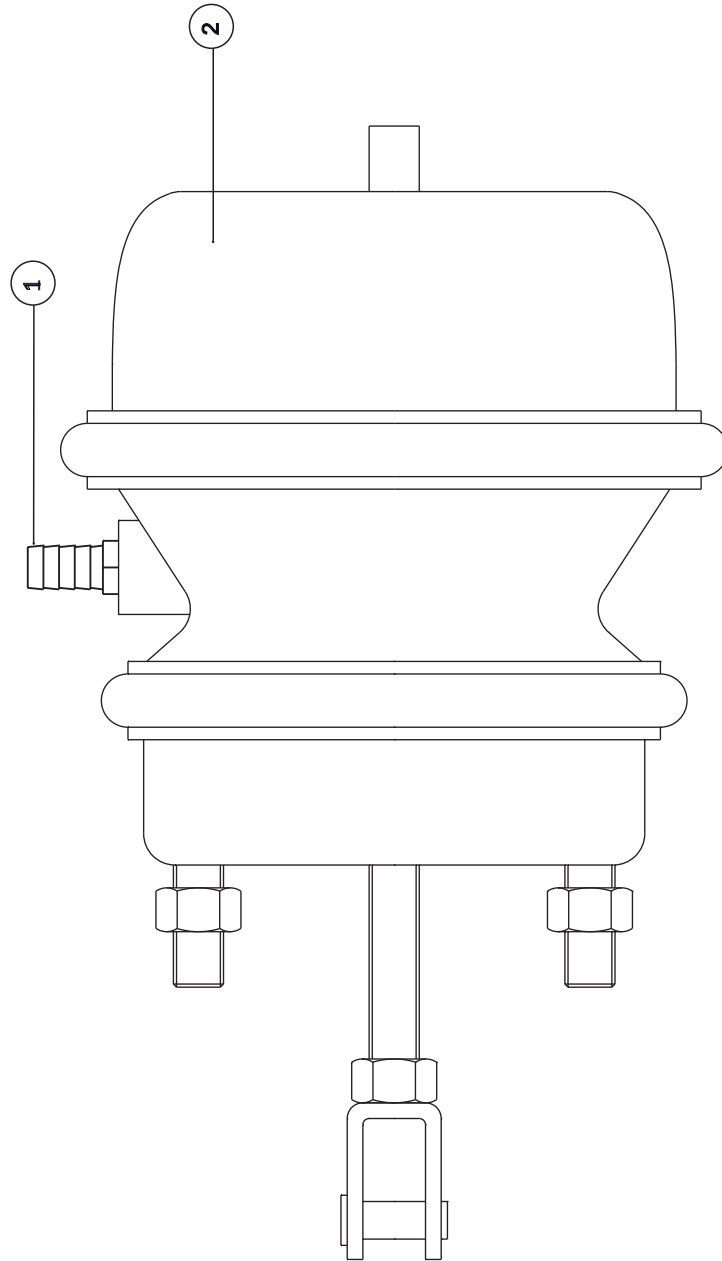


QUICK RELEASE VALVE

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	300013	Adaptor, Hose
2	1	300015	Valve, Quick Release
3	2	105013	Washer, Flat
4	2	105512	Washer, Spring
5	2	100210	Bolt
6	2	300014	Adaptor, Hose



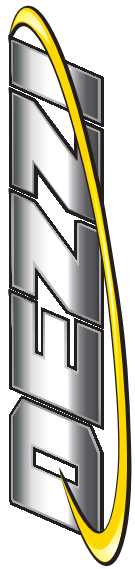
SPRING BRAKE UNIT



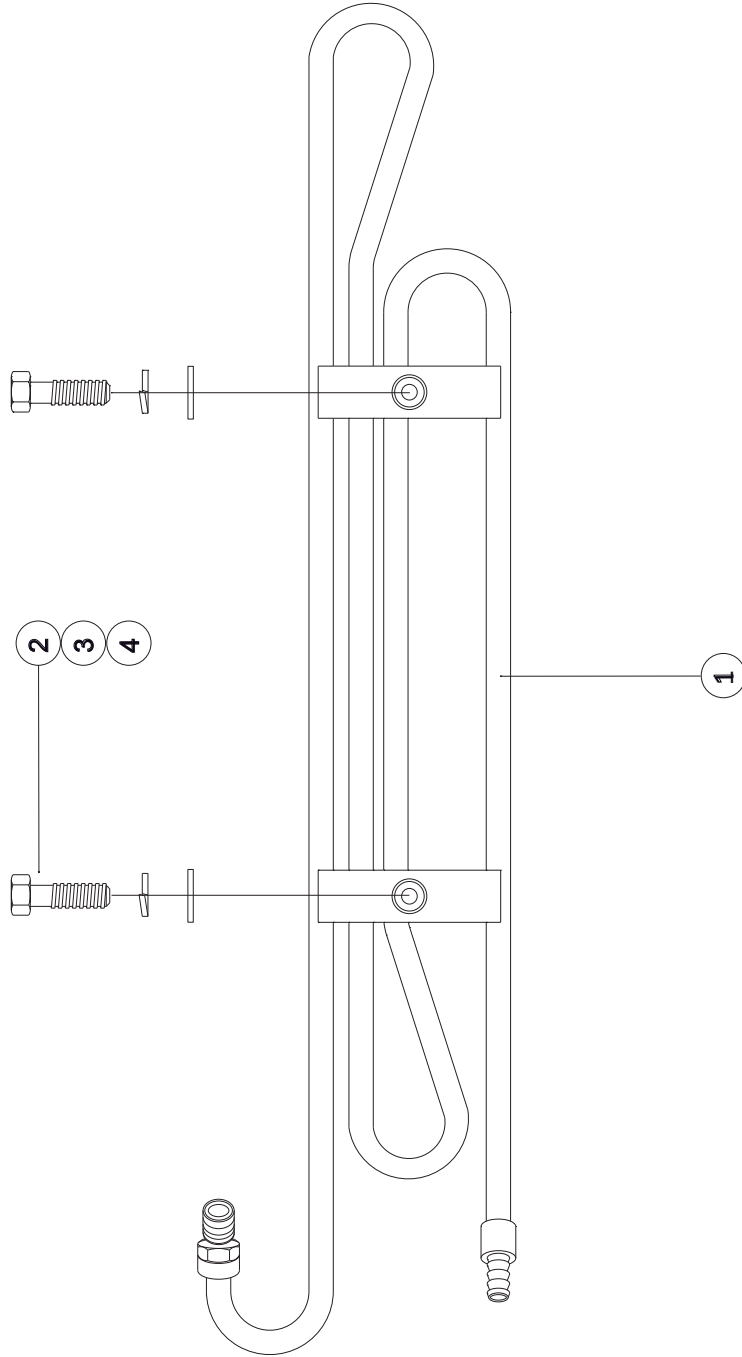


SPRING BRAKE UNIT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	4	300013	Adaptor, Hose Spring Brake, Type 24
2	2	300190	



RADIATOR COMPRESSOR PIPE

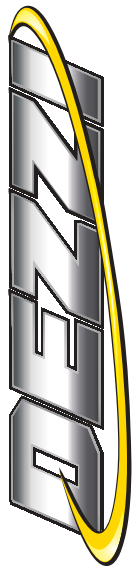




RADIATOR COMPRESSOR PIPE

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	801292	Pipe, Radiator Compressor
2	2	100224	Bolt
3	2	105537	Washer, Spring
4	2	105014	Washer, Flat

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PREDOMINANCE VALVE

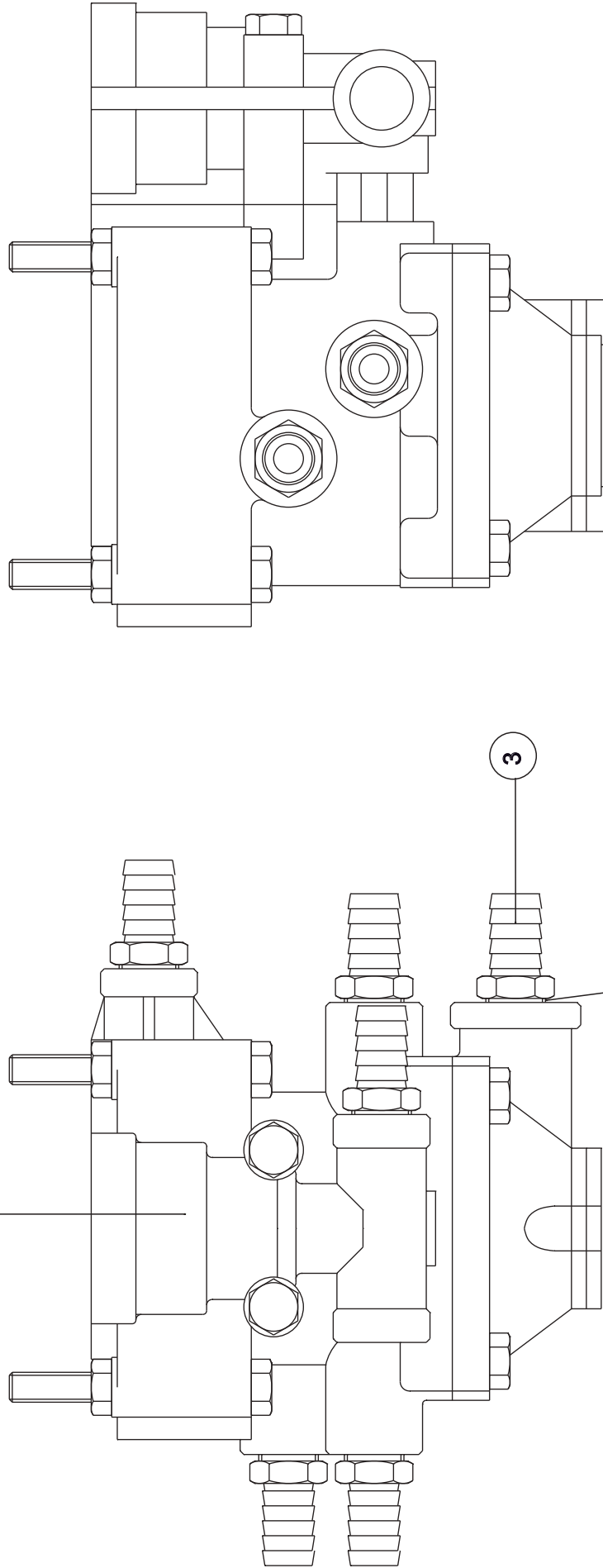
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5

4

3

2





PREDOMINANCE VALVE

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	300060	Valve, Trailer Predominance
2	5	300062	Washer
3	5	300064	Adaptor
4	4	105512	Washer, Spring
5	4	110064	Nut

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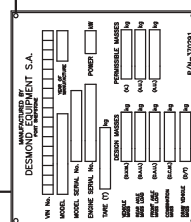
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DESMOND EQUIPMENT S.A.

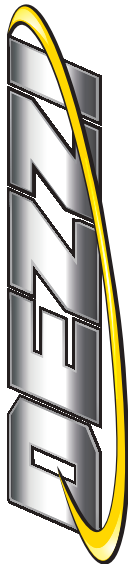
DESMOND SERVICE GUIDE
D.H. & D.A.H. RANGE

FRAME, CAB & WHEELS	10	250	500	750	1000	1250	1500	1750	2000	3000
DOOR HINGES - LUBRICATE		2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	
CAB - CAR BODY MOUNTING BOLTS		2	2	2	2	2	2	2	2	
SEAT SECURE		2	2	2	2	2	2	2	2	
STEERING & CONTROLS		2	2	2	2	2	2	2	2	
TYRE PRESSURES		2	2	2	2	2	2	2	2	
WHEEL NUTS TORQUE		2	2	2	2	2	2	2	2	
VALVE - VALVE CAP CONDITION		2	2	2	2	2	2	2	2	
TYRE CONDITION - WALL - TREAD		2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	
HITCH FRAME & BALL - CUP		2	2	2	2	2	2	2	2	
HITCH FRAME & LOCK - PINS		2	2	2	2	2	2	2	2	

- 1 = ADJUST
- 2 = CHECK
- 3 = CLEAN
- 4 = DRAIN / REFILL
- 5 = GREASE
- 6 = RECYCLE
- 7 = RENEW
- 8 = CHANGE WHEN INDICATOR SHOWS "RED"

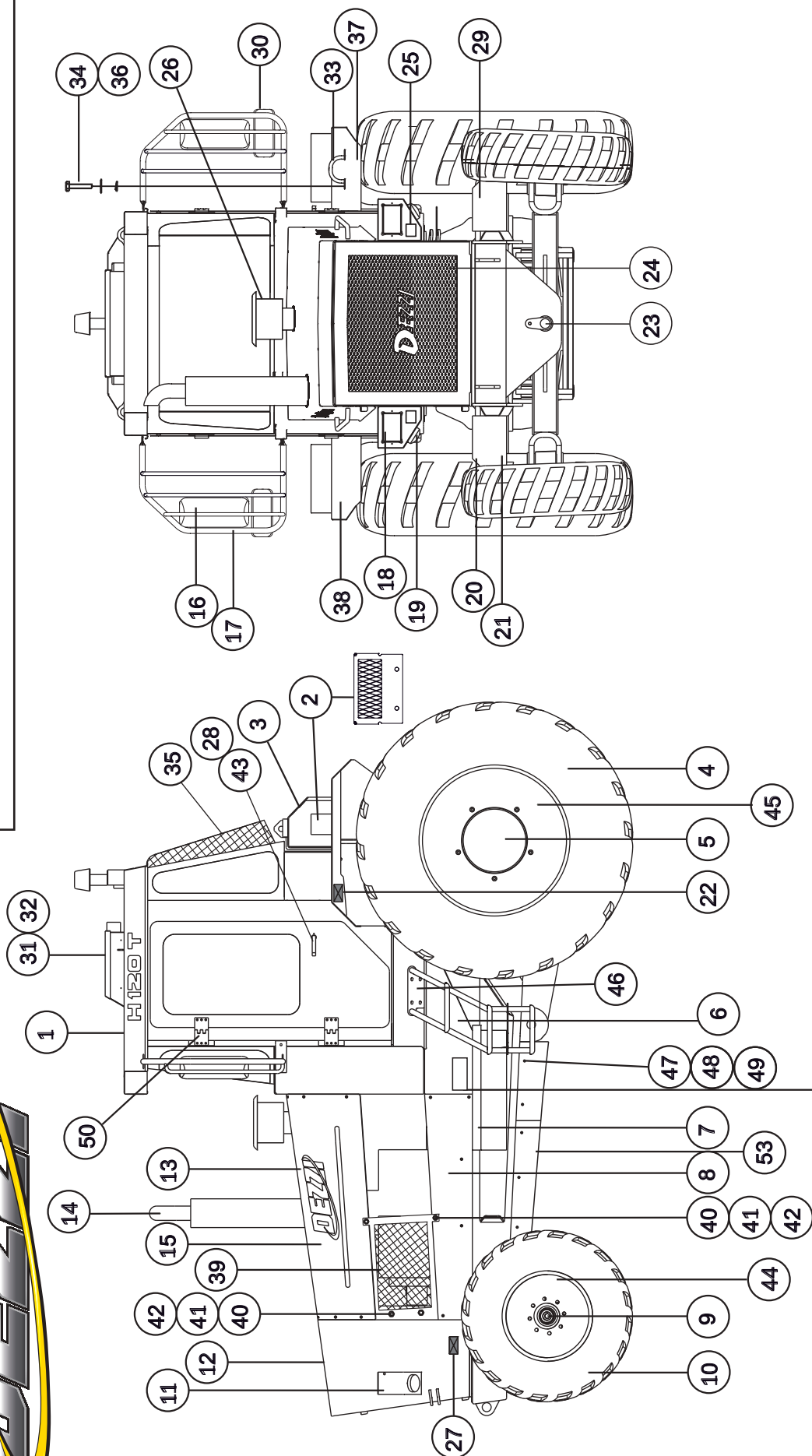


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MAIN FRAME GENERAL ARRANGEMENT

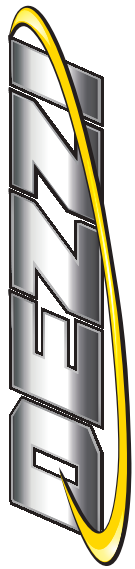
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260305	Cab, ROPs Complete
2	2	801934	Bracket, Rear Lights
3	2	802496	Guard, Rear Lights
4	1	260562	Tank, Diesel/Hydraulic - ROPs Range
5	2	340118	Tyre, Rear
6	1	330076	Axle, Rear Rockwell PRC 673
7	1	801411	Cover, Engine, Side L/H Rear
8	1	801412	Cover, Engine, Side R/H Rear
9	1	800375	Plate, Air Tank Cover
10	1	801409	Cover, Engine, Side L/H Front
11	1	801410	Cover, Engine, Side R/H Front
12	1	330025	Axle, Front ITL SD55
13	1	340117	Tyre, Front
14	1	803030	Bracket, Light Front L/H
15	1	803031	Bracket, Light Front R/H
16	1	260746	Cowling Radiator
17	1	880049A	Kit, Decal Dezzi H120T
18	1	371147	Silencer, Exhaust
19	1	260749	Bonnet
20	2	370180	Mirror
21	1	802574	Bracket, Mirror R/H
22	1	802573	Bracket, Mirror L/H
23	4	801081	Bracket, Mirror Mounting
24	2	440442	Headlamp, Autorouche
25	1	440849	Light, Cobo Indicator L/H
26	1	440850	Light, Cobo Indicator R/H
27	1	370313	Catch, Lockable
28	1	800425	Box, Battery
29	1	370247	Reflector, Red Rectangular
30	1	800857	Pin, Axle Mounting 4WD Tractors
31	2	260748	Grill, Radiator Cowling
32	1	370249	Reflector, White Rectangular
	4	350112	Hood Inlet
	1	370248	Reflector, Orange Rectangular
	1	190120	Lock, Door
	1	802104	Box, Documentation
	2	370738	Mirror, Extra Convex
	1	370737	Louvre Fan
	1	390128	Plate, Roof Fan Box Cover
	1	801250	Box, Fan Roof Top
	1	801251	Cover, Fan Roof Top
	1	801252	Plenum, Fan Roof Top
	1	802874	Plate, Adaptor, Fan Roof

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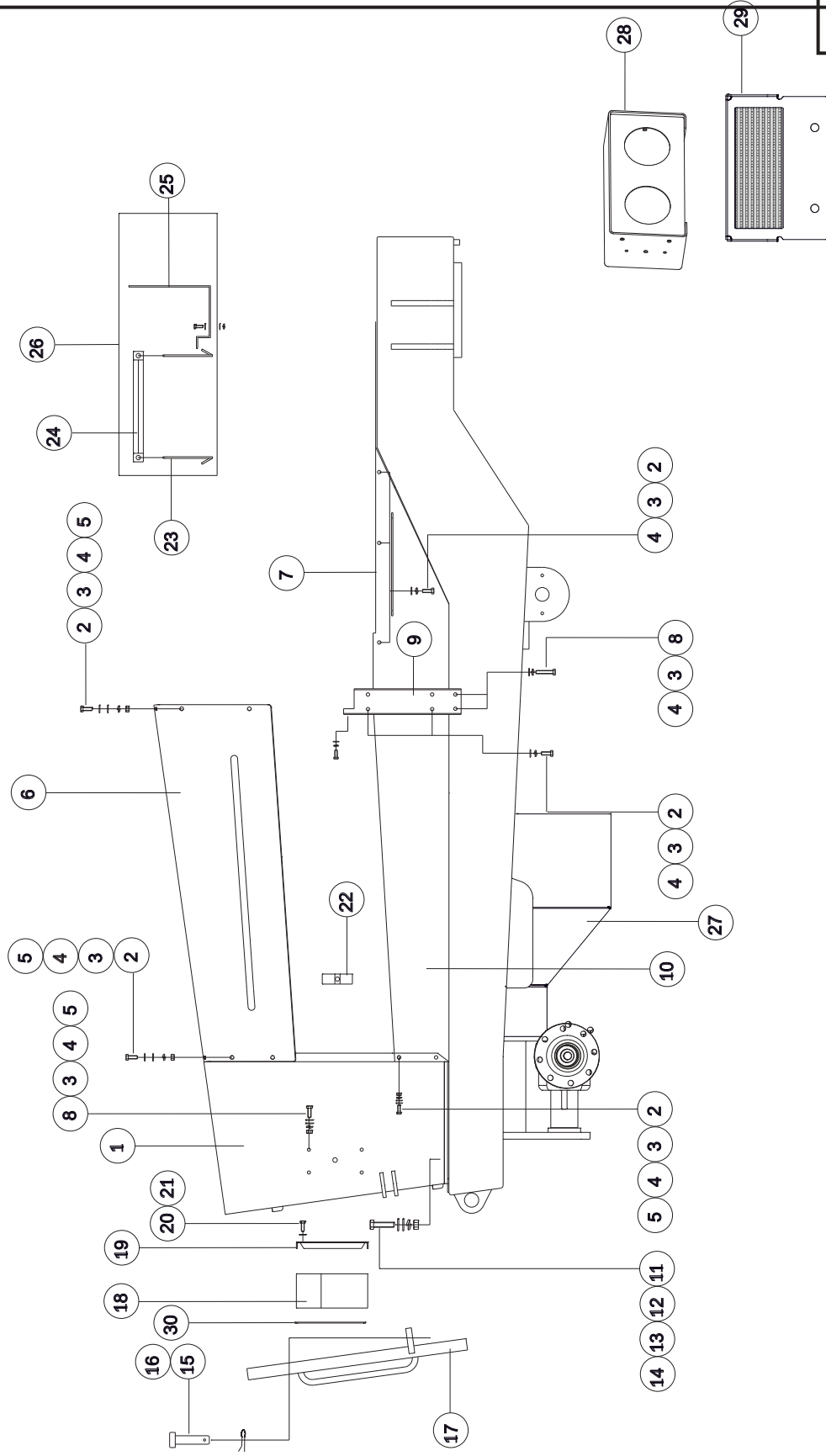


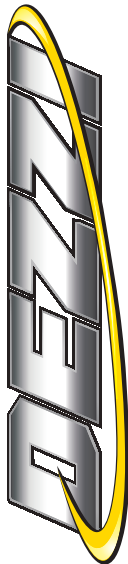
MAIN FRAME GENERAL ARRANGEMENT

ITEM	QTY.	PART NUMBER	DESCRIPTION
33	1	800712	Handle
34	2	100095	Bolt
35	1	260261	Guard, Cab, Rear Window
36	2	105537	Washer, Spring
37	1	260709	Mudguard L/H
38	1	260708	Mudguard R/H
39	1	803175	Guard, Engine R/H
	1	803172	Guard, Engine L/H
40	4	100224	Bolt
41	8	105014	Washer, Flat
42	4	110032	Nut, Nyloc
43	1	370009	Handle, Door
44	2	340108	Rim, Front
45	2	340207	Rim, Rear
46	1	802625	Step, Complete
47	10	100092	Bolt
48	10	105018	Washer, Flat
49	10	105507	Washer, Spring
50	2	190093	Hinge, Door
51	1	370291	Plate Identification
	1	370795	Plate Identification, ROPS, Cab
52	4	370285	Rivet, ID Plate
53	1	803190	Belly Plate Transmission



FRAME & CAB GENERAL ARRANGEMENT



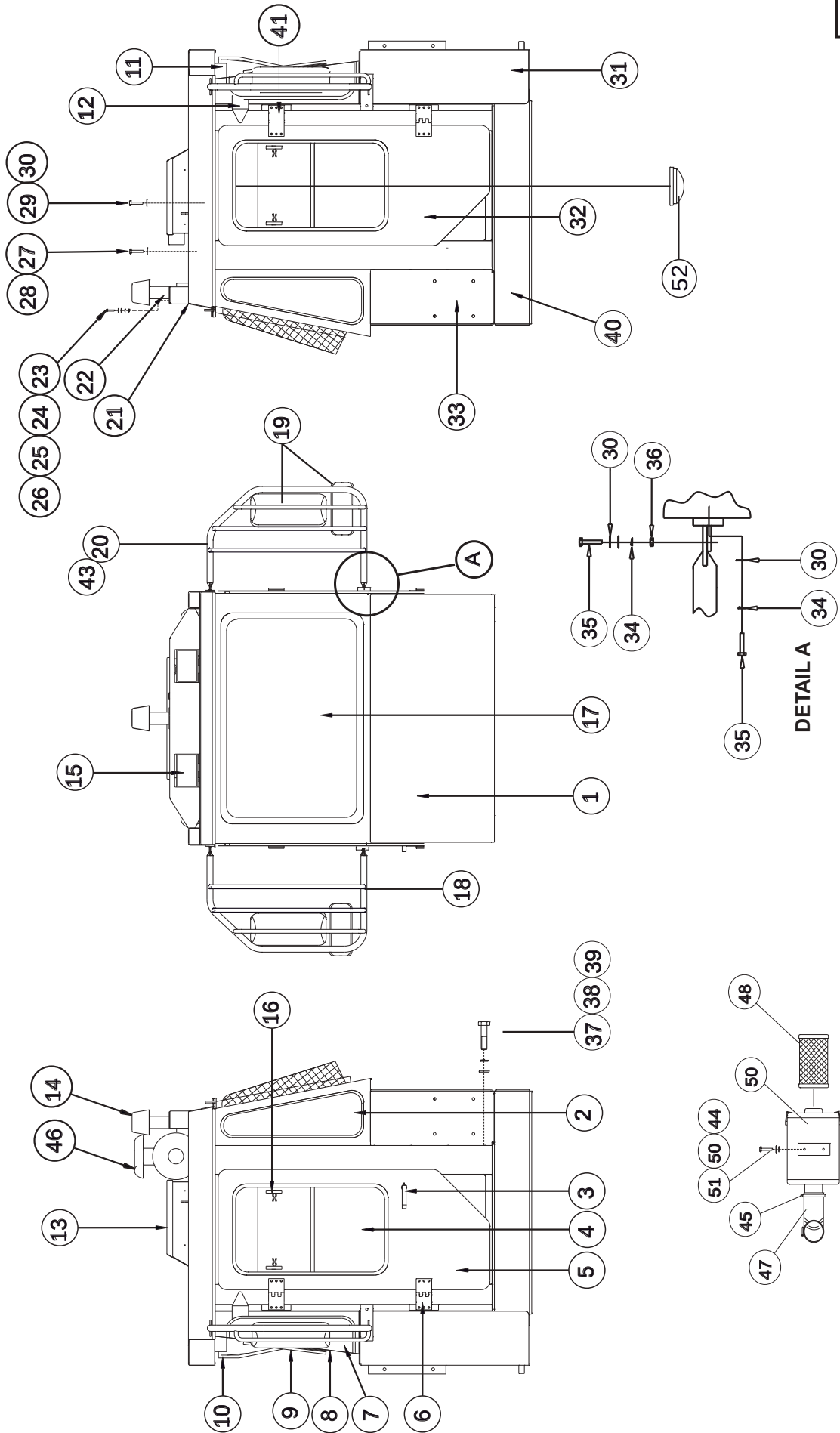


FRAME & CAB GENERAL ARRANGEMENT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260746	Cowling, Radiator
2	36	100224	Bolt
3	76	105014	Washer, Flat
4	44	105537	Washer, Spring
5	28	110066	Nut
6	1	260749	Bonnet
7	1	801412	Cover, Engine Side R/H Rear
8	1	801411	Cover, Engine Side L/H Rear
9	12	100090	Bolt
10	1	801413	Bracket, L/H Side Cover Mounting
11	1	801414	Bracket, R/H Side Cover Mounting
12	1	801409	Cover, Engine Side L/H Front
13	1	801410	Cover, Engine Side R/H Front
14	6	100170	Bolt
15	12	105018	Washer, Flat
16	6	105507	Washer, Spring
17	6	110072	Nut,
18	1	800573	Pin, Grill Catch
19	1	370211	R-clip, Grill Pin
20	1	260748	Grill, Radiator Cowling
21	1	803030	Bracket, Light Front L/H
22	1	803031	Bracket, Light Front R/H
23	1	803033	Cover, Light Front R/H
24	1	803032	Cover, Light Front L/H
25	4	100149	Bolt
26	4	105013	Washer, Flat
27	4	800140	Plate, Pipe Retaining
28	2	440090	J-bolt
29	1	800180	Bracket, Battery Hold Down
30	1	801193	Bracket, Battery Hold Down/ Isolator Switch
	1	802104	Box, Documentation
	1	802621	Plate, Air Reflector For Fan
	2	801934	Bracket, Light, Rear
	2	802496	Guard, Lights, Rear
	1	803162	Guard, Lights, Front, L/H
	1	803163	Guard, Lights, Front, R/H

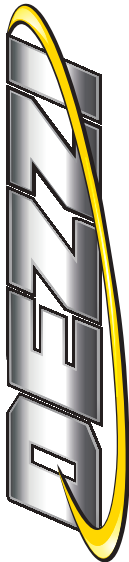


CAB EXTERIOR



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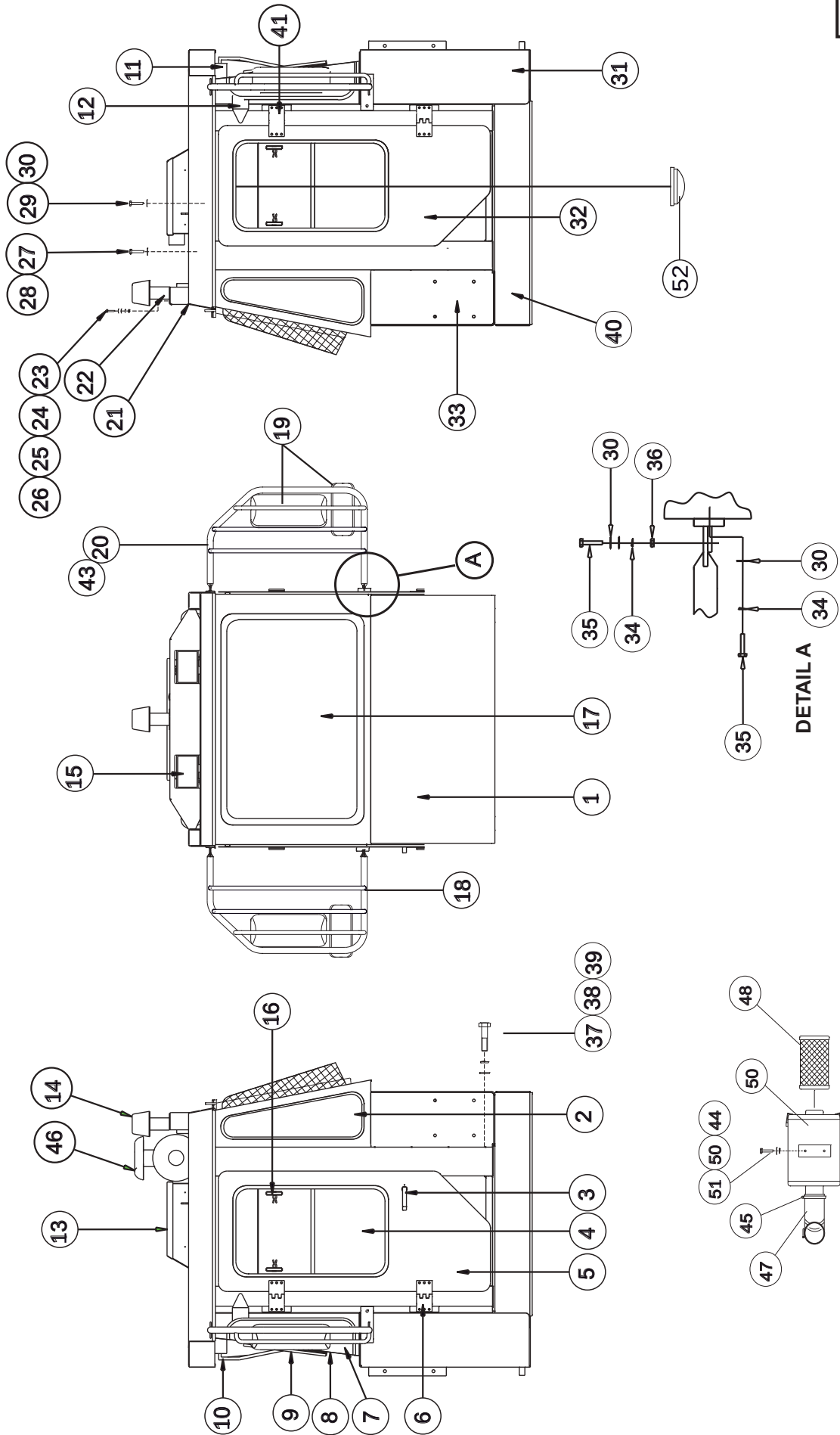


CAB EXTERIOR

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260305	Cab, ROPs Complete
2	2	370783	Window, Side Rear
3	1	370314	Handle, Outer
	1	370315	Handle, Inner
	1	190120	Lock
4	2	370750	Window, Sliding
5	1	260312	Door, Rops L/H
6	2	190093	Hinge, Cab Door
7	2	370842	Windscreen, 45° Side L/H & R/H
8	1	370841	Windscreen, Front
9	1	440074	Blade, Wiper
10	1	440075	Wiper, Double Arm
11	1	440338	Motor, Wiper 12V Double Arm
12	1	370682	Door Stop, Rubber
13	1	370737	Fan, Louvre, Interior
	2	370744	Adaptor, Louvre
14	1	440286	Light, Strobe
15	2	440974	Light, Rear Working
16	2	370794	Catch, Window Sliding Double Type
17	1	370784	Window, Rear
18	1	802573	Bracket, Mirror L/H
19	2	370180	Mirror
	2	370738	Mirror, Extra Convex
20	1	802574	Bracket, Mirror R/H
21	1	370717	Lining, Hood
22	1	801315	Bracket, Strobe Light Raising
23	3	100236	Bolt
24	6	105536	Washer, Flat
25	3	105511	Washer, Spring
26	3	110062	Nut
27	4	100234	Bolt
28	6	105013	Washer, Flat
29	9	100089	Bolt
30	21	105014	Washer, Flat
31	1	260747	Cab, ROPs Front Module
32	1	260313	Door, ROPs R/H
33	1	260309	Cab, ROPs Rear Module
34	8	105537	Washer, Spring
35	8	100224	Bolt
36	4	110066	Nut
37	46	100168	Bolt



CAB EXTERIOR



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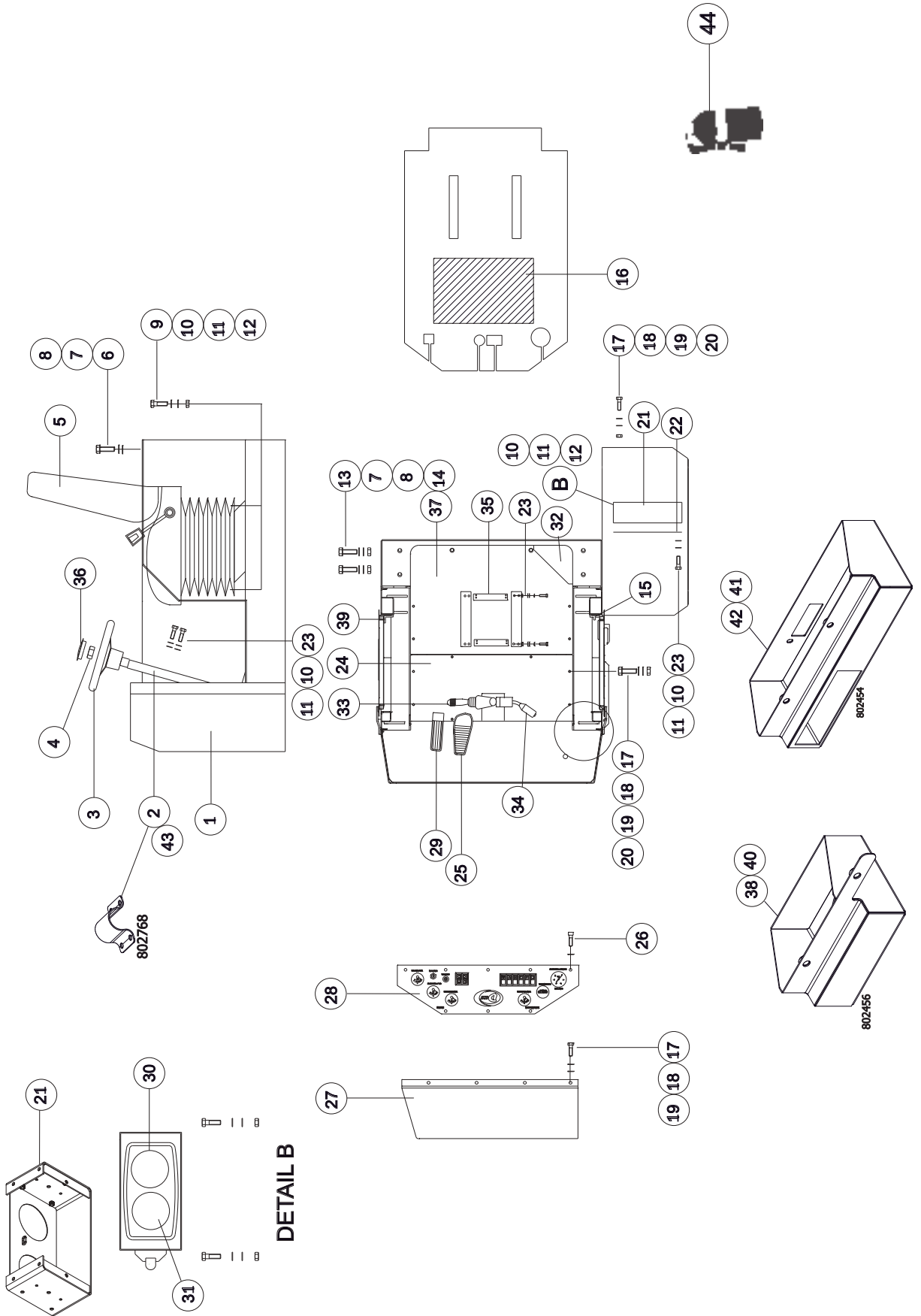


CAB EXTERIOR

ITEM	QTY.	PART NUMBER	DESCRIPTION
38	92	105507	Washer, Spring
39	46	105018	Washer, Flat
40	1	260225-3	Cab, ROPs Frame
41	2	801335	Plate, Door Mount
42	1	260240	Roof, ROPs Cab
43	2	801081	Bracket, Mirror Mount
44	2	105512	Washer
45	2	200028	Clamp, Hose
46	1	370958	Air Conditioner (Optional)
47	1	802080	Plate, Mount Air Conditioner Pump
48	1	370337	Elbow, Rubber 90°
49	1	350073	Filter, Element
50	1	350089	Filter Complete, Aircon
51	6	105013	Washer
	2	100149	Bolt
52	1	441015	Arial, Radio, Windscreen Mount (Optional)
	1	440018	Light, Interior, Dome



CAB INTERIOR



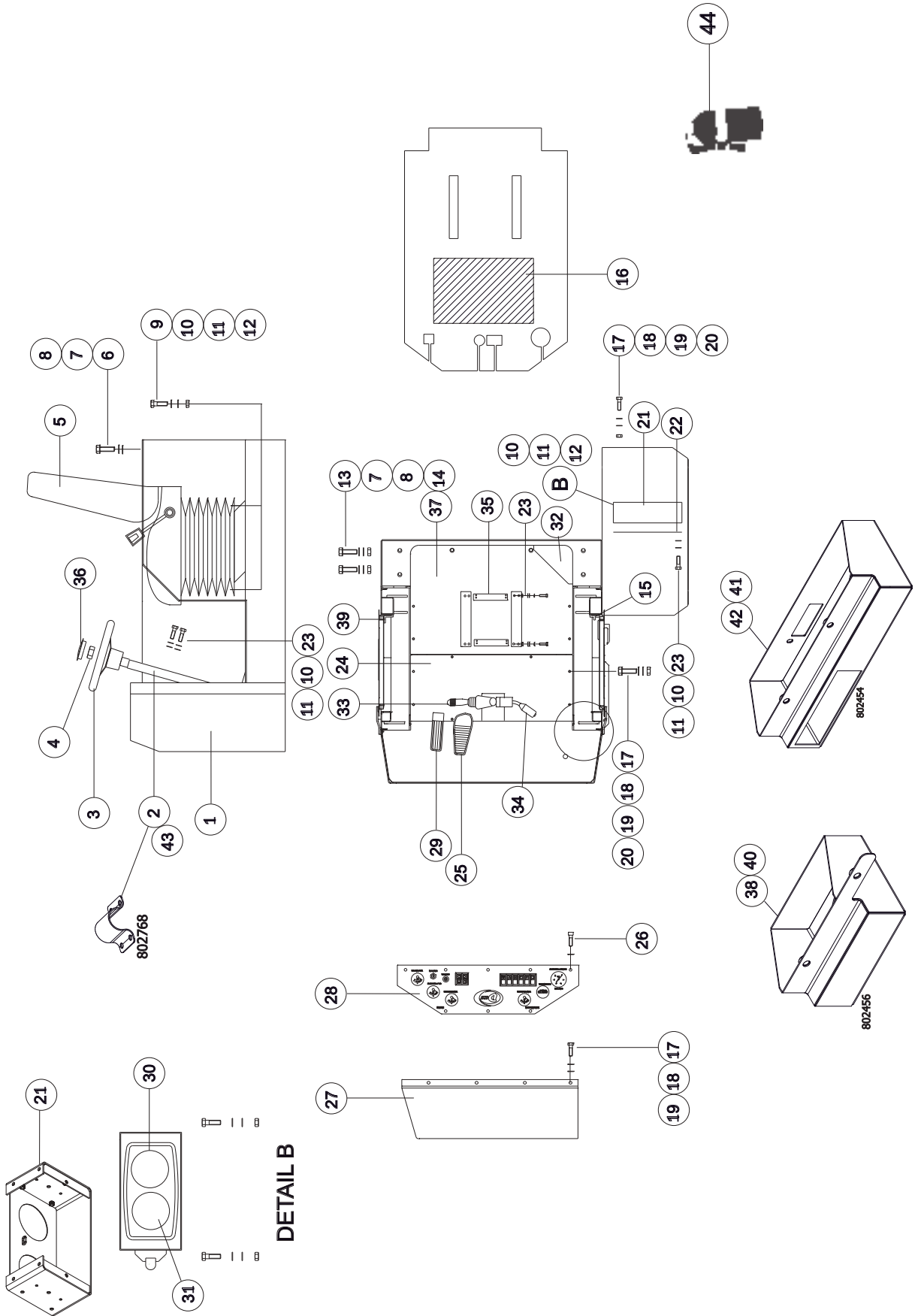


CAB INTERIOR

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260305	Cab, ROPs Complete
2	1	370041	Column, Steering
3	1	802768	Bracket, Steering Mount Plate
4	1	370042	Wheel, Steering
5	1	370043	Nut, Steering Wheel
6	4	371072	Seat
7	12	100168	Bolt
8	20	105507	Washer, Spring
9	12	105018	Washer, Flat
10	24	100149	Bolt
11	20	105013	Washer, Flat
12	12	105512	Washer, Spring
13	8	110067	Nut
14	8	100169	Bolt
15	1	110072	Nut
16	1	801370	Bracket, Strike Plate
17	28	370146	Mat, Rubber Car Body
18	58	100224	Bolt
19	34	105014	Washer, Flat
20	16	105537	Washer, Spring
21	2	110066	Nut
22	2	801934	Bracket, Rear Light
23	20	800127	Cover, Rear Light Bracket
24	1	100149	Bolt
25	1	801298	Plate, Floor Inspection
26	8	300027	Valve, Foot Single Circuit
27	1	801452	Plate, Brake Pedal Mounting
28	1	100266	Bolt, Button Head
29	1	803194	Plate, Under Dashboard - Hauler Range
30	2	440500	Dash, Complete 12v
31	2	190136	Pedal Accelerator
32	1	440269	Light, Rear LED, Amber
33	1	440270	Light, Rear LED, Red
34	1	801425	Cover, Hydraulic Valve Bank
35	1	440555	Headlight/Indicator Switch
36	1	440498	Gear Shifter
37	1	801182	Plate, Seat Adjuster Mount
	2	802673	Plate, Seat Adjuster Mount
	1	801172	Bracket, Seat Raiser
	1	370040	Cap, Steering Wheel
	1	801419	Floorboard, Rear



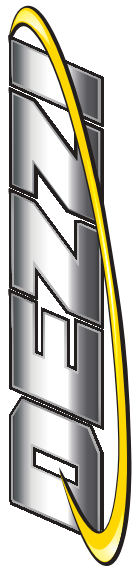
CAB INTERIOR



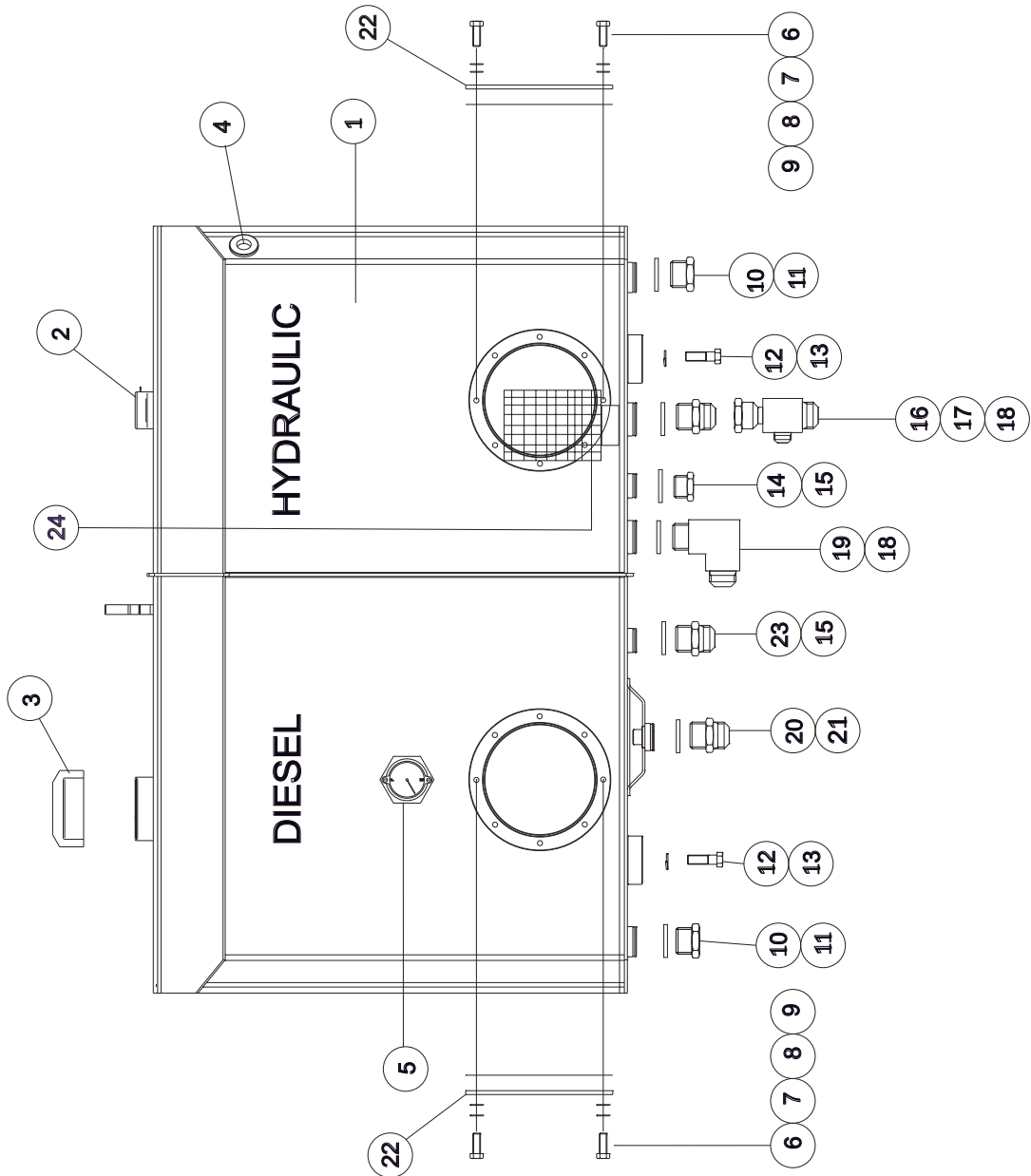
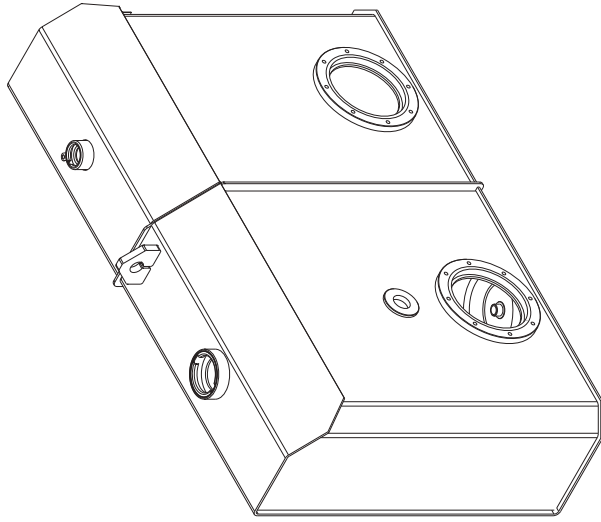


CAB INTERIOR

ITEM	QTY.	PART NUMBER	DESCRIPTION
38	1	802456	Bracket, Speaker Mount (Optional)
39	1	801312	Door Mount ROPS
40	1	440000	Speaker Set, 6" (Optional)
41	1	440638	Radio/CD Player (Optional)
42	1	802454	Bracket, Radio/CD Mount (Optional)
43	1	802966	Bracket, Hooter
44	1	370978	Fire Extinguisher, 4.5kg
	1	802967	Bracket, Fire Extinguisher
-	1	802806	Cover, Fuse Box



HYDRAULIC/DIESEL TANK



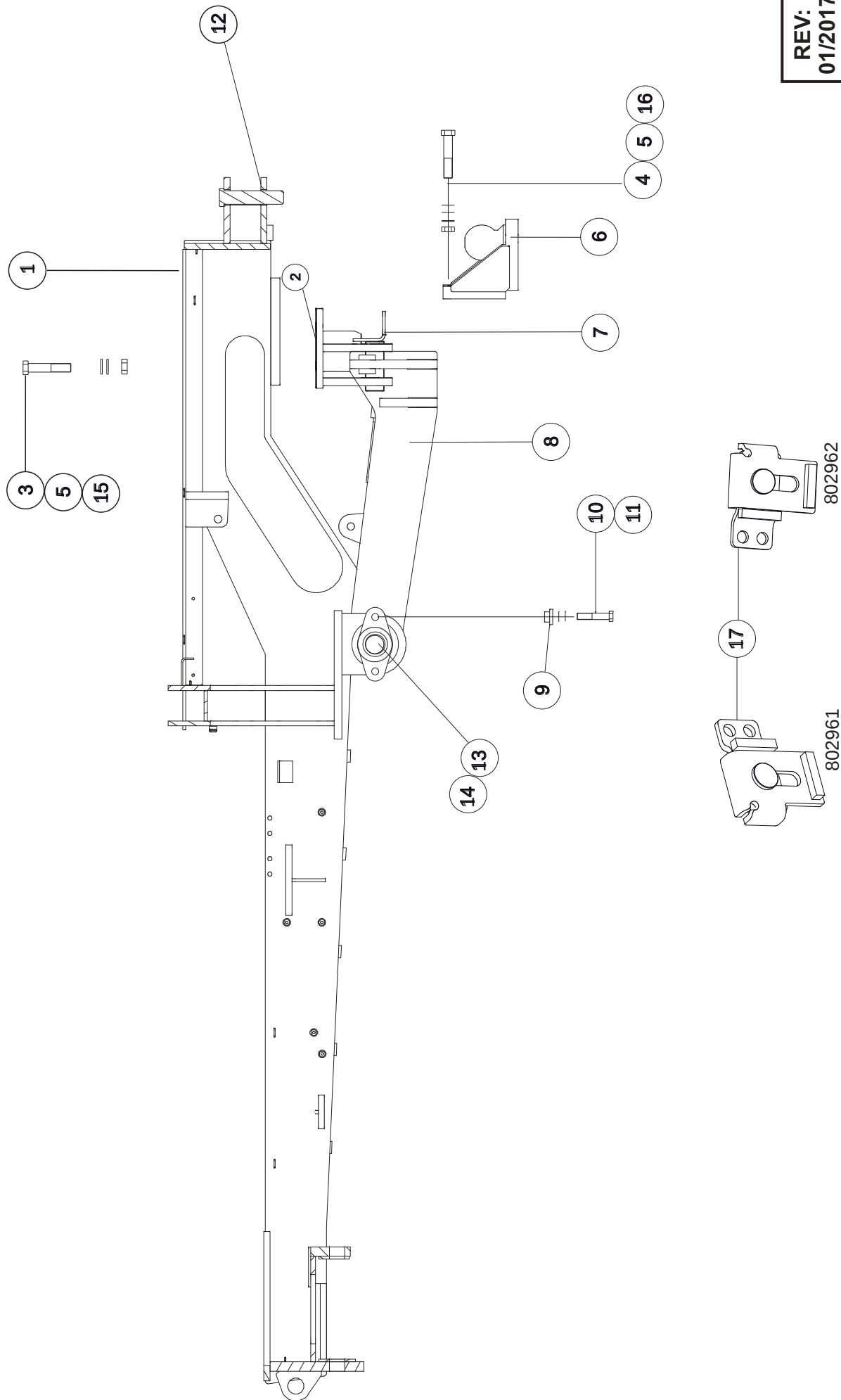


HYDRAULIC/DIESEL TANK

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260562	Tank, Hydraulic/Diesel
2	1	370567	Cap Hydraulic Filler Assembly
3	1	370518	Diesel Cap, Lockable
4	2	370261	Sight Glass
5	1	370622	Gauge, Diesel Tank Arm And Float
6	16	100089	Bolt
7	16	105537	Washer, Spring
8	16	105014	Washer, Flat
9	2	140063	O-ring
10	2	120391	Plug
11	2	120104	Washer, Dowty
12	2	100168	Bolt
13	2	105018	Washer, Flat
14	1	120430	Plug
15	1	120106	Washer, Dowty
16	1	120413	T-piece
17	1	120062	Adaptor
18	2	120103	Washer, Dowty
19	1	120335	Adaptor, 90°
20	2	120149	Adaptor
21	1	120105	Washer, Dowty
22	2	800976	Cover, Inspection
23	1	120361	Adaptor
24	1	350051	Strainer, Suction
	1	350107	Filter, Strainer, Suction



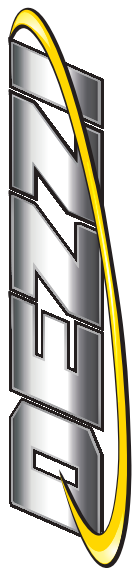
CHASSIS - TOW HITCH



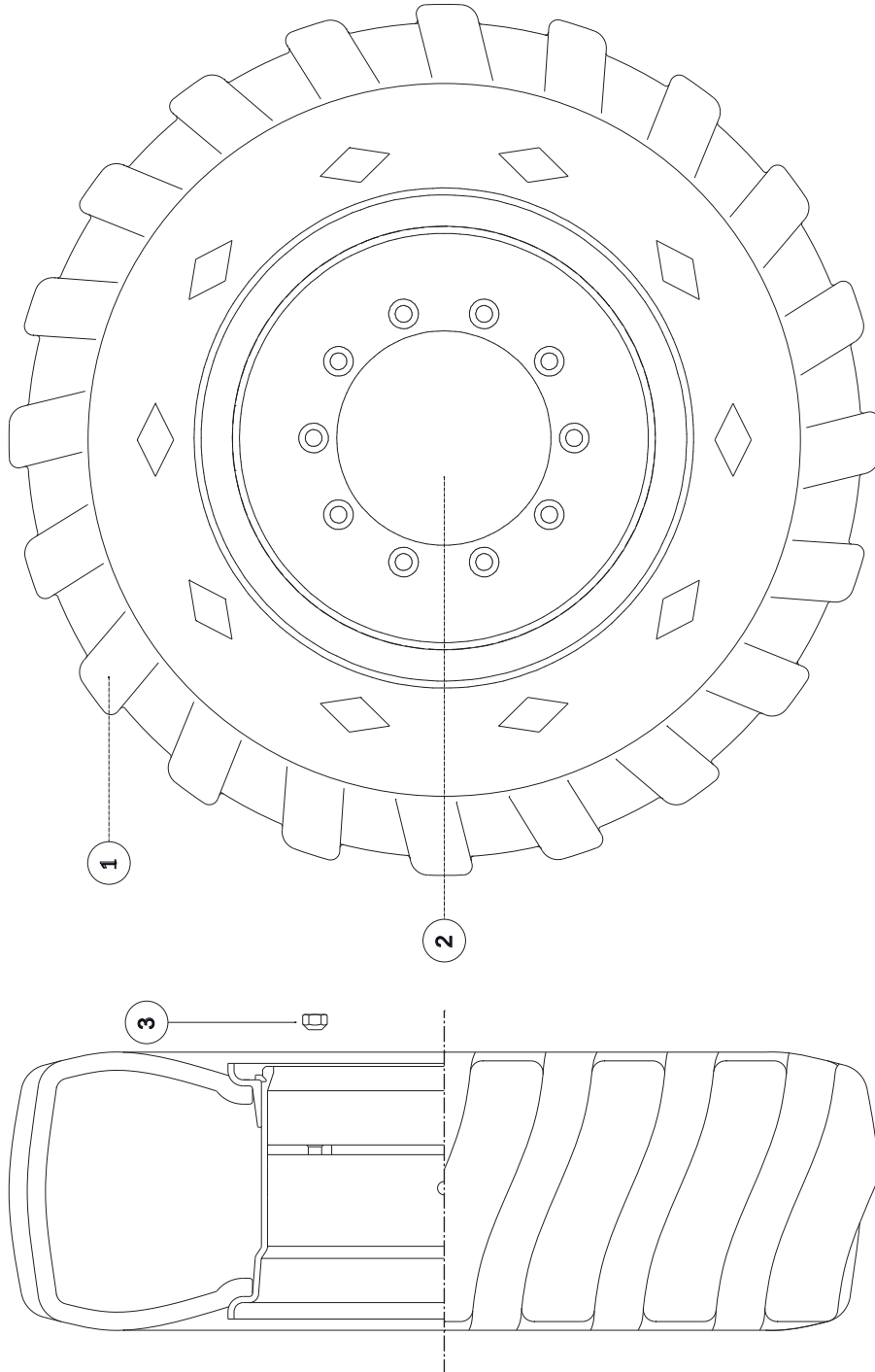


CHASSIS - TOW HITCH

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	260612	Chassis
2	1	260208	Undercarriage, Tow Hitch ITL/Rockwell PRC 673
3	8	110052	Nut
4	4	100101	Bolt
5	24	105543	Washer, Flat
6	1	800305	Mounting Tow Hitch Ball
7	2	190022	Pin, Tow Hitch Locking
8	1	802978	Chain, Tow Hitch, Pin Lock
9	1	800302	Cradle, Tow Hitch
10	4	800145	Boss, Pin Locating
11	4	105505	Washer, Spring
12	4	100112	Bolt
13	2	800271	Pin, Tow Hitch Pivot
14	4	140022	Seal, Dust
15	2	370029	Bush, Cradle Pivot
16	8	100287	Bolt, Axle Mounting
17	4	110052	Nut
	1	802961	Plate, Tow Hitch Pin Flight Catch, L/H
	1	802962	Plate, Tow Hitch Pin Flight Catch, R/H



FRONT WHEEL



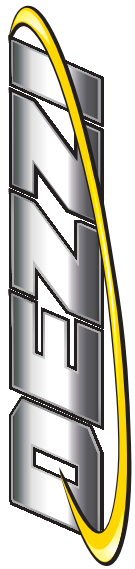


FRONT WHEEL

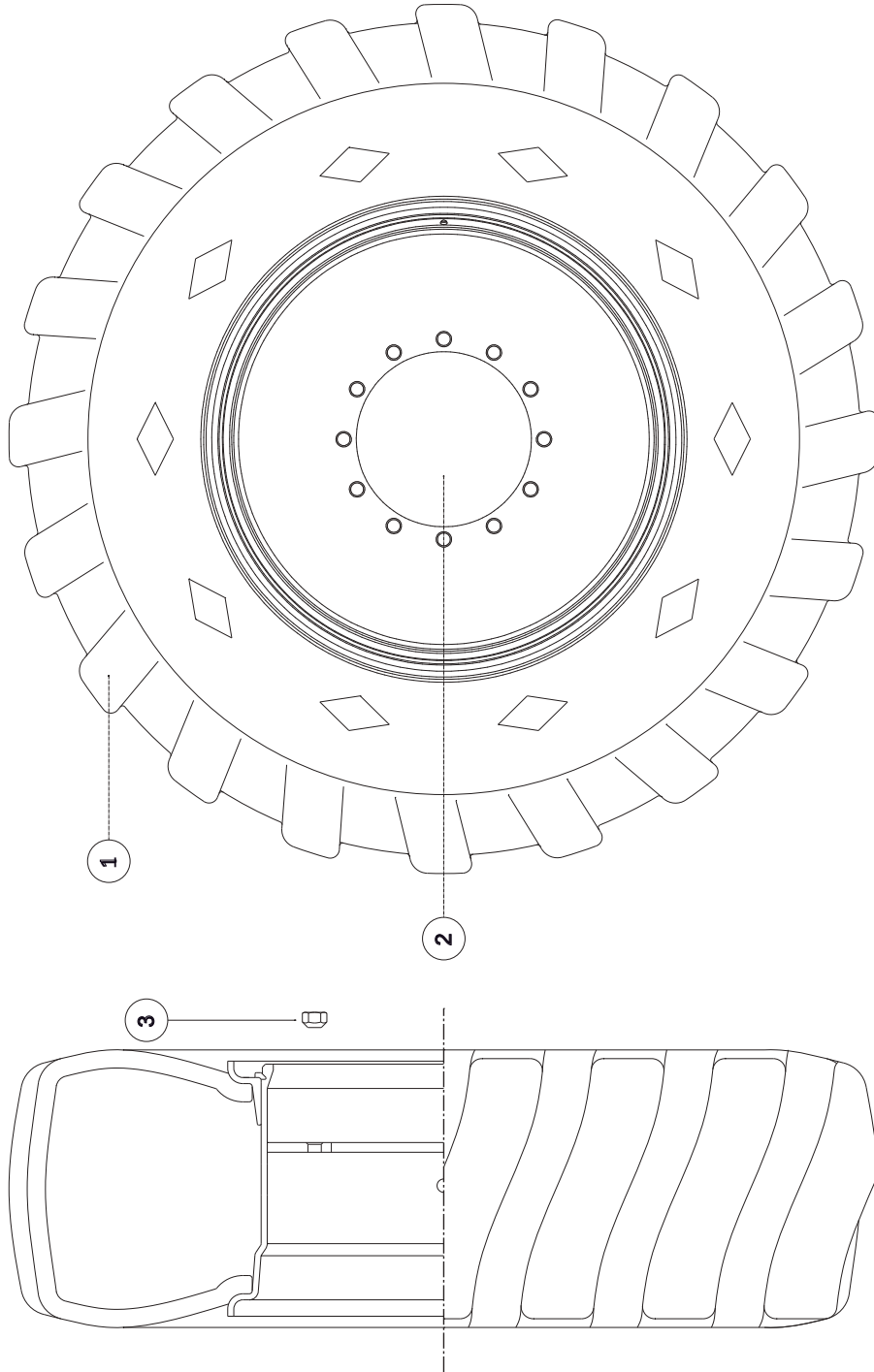
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	340117	Tyre, 14.9 x 24"
2	2	340108	Rim
3	20	lt0014	Nut

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REAR WHEEL





REAR WHEEL

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	340118	Tyre, 20.8 x 38"
2	2	340207	Rim
3	24	370136	Nut
	24	370921	Washer

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DESMOND EQUIPMENT S.A.

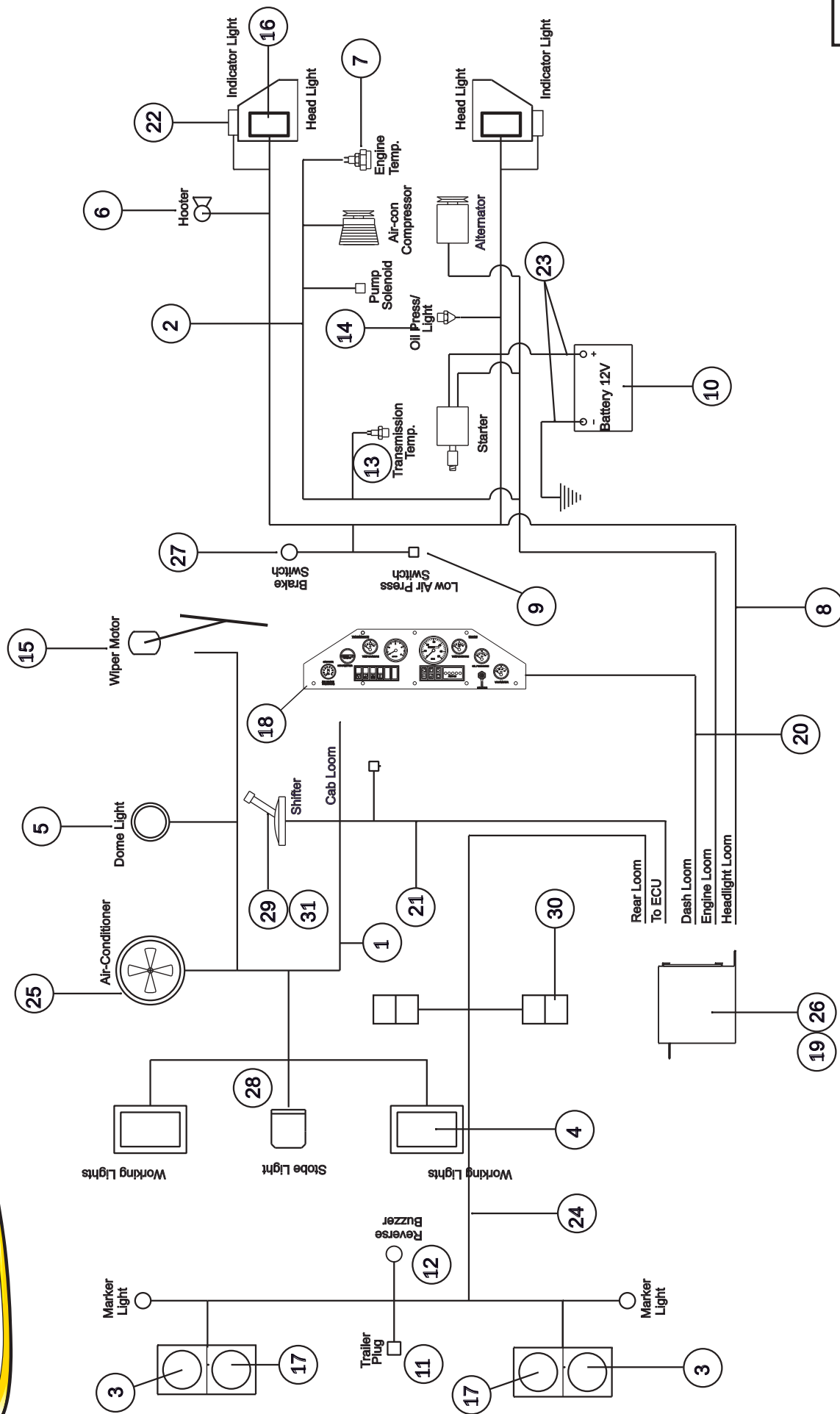
DESMOND SERVICE GUIDE
D.H. & D.A.H. RANGE

ELECTRICS	10	250	500	750	1000	1250	1500	1750	2000	3000
HEAD LIGHTS - MAIN - DIP	2	2	2	2	2	2	2	2	2	
TAIL LIGHTS	2	2	2	2	2	2	2	2	2	
INDICATORS	2	2	2	2	2	2	2	2	2	
WORKING LIGHTS	2	2	2	2	2	2	2	2	2	
BATTERY CABLES SECURE		2	2	2	2	2	2	2	2	
BATTERY SECURE		2	2	2	2	2	2	2	2	
TERMINALS CLEAN & TECTYLED		2	2	2	2	2	2	2	2	
NEUTRAL START SWITCH		2	2	2	2	2	2	2	2	
INSTR. PANEL - GAUGES / W.LIGHTS	2	2	2	2	2	2	2	2	2	
BRAKE LIGHTS	2	2	2	2	2	2	2	2	2	
ISOLATOR CONDITION		2	2	2	2	2	2	2	2	
ROTATING BEACON OPERATION	2	2	2	2	2	2	2	2	2	
HOOTER	2	2	2	2	2	2	2	2	2	
INTERIOR FAN		2	2	2	2	2	2	2	2	
INTERIOR LIGHT		2	2	2	2	2	2	2	2	
WIPER OPERATION		2	2	2	2	2	2	2	2	
LOW AIR PRESS WARNING BUZZER		2	2	2	2	2	2	2	2	

- 1 = ADJUST
- 2 = CHECK
- 3 = CLEAN
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- 5 = GREASE
- 6 = RECYCLE
- 7 = RENEW
- 8 = CHANGE WHEN INDICATOR SHOWS "RED"



ELECTRICS GENERAL LAYOUT

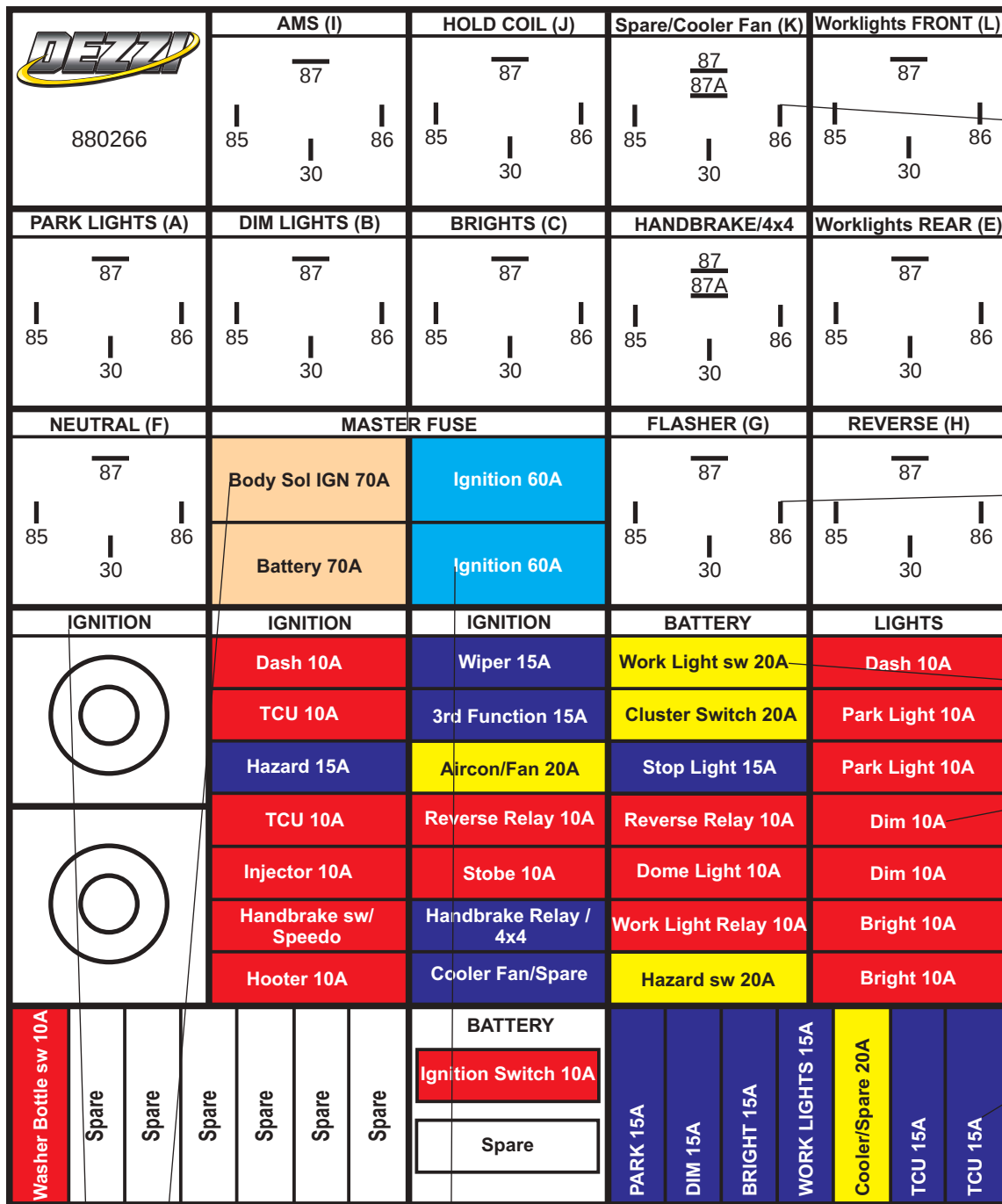
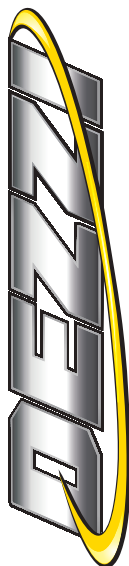




ELECTRICS GENERAL LAYOUT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	440263	Harness, Dezzi Cab
2	1	440259	Harness, Engine Cummins
3	2	440269	Light, Rear, Led, Amber
4	2	440016	Light, Rear Working
5	1	440018	Light, Interior Dome
6	1	440025	Hooter, 12v
7	1	440029	Sender, Water Temperature
8	1	440258	Harness, Headlight
9	1	440068	Switch, Low Air Pressure
10	1	440070	Battery
11	1	440077	Plug, Female Tractor
12	1	440078	Alarm, Reverse
13	1	440080	Sender, 0-15°c Oil Temperature
14	1	440081	Sender, 0-10 Bar Oil Pressure
15	1	440338	Motor, Wiper 12v
16	2	440442	Headlamp, Autorouche
17	2	440270	Light, Rear, Led, Red
18	1	440500	Dash, Complete
19	1	802806	Cover, Fuse Box
20	1	440262	Harness, Dash
21	1	440534	Harness, Control Tower
22	1	440849	Light, Cobo Indicator L/H
	1	440850	Light, Cobo Indicator R/H
23	1	440277	Set, Battery Cables
24	1	440260	Harness, Rear Lights
25	1	440655	Fan, Roof 12v
26	1	440268	Box, Fuse Box Complete
27	1	440072	Hand Brake Switch
28	1	440286	Strobe Light
29	1	440498	Gear Shift, F/R 4 Speed
30	2	440844	Light, Cobo Marker Amber/white L/H
31	1	440446	Ecu PS750, Hauler Series.

FUSE BOX LAYOUT



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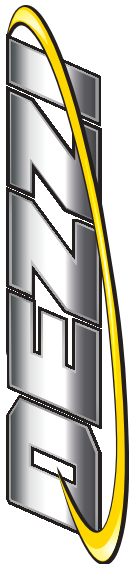
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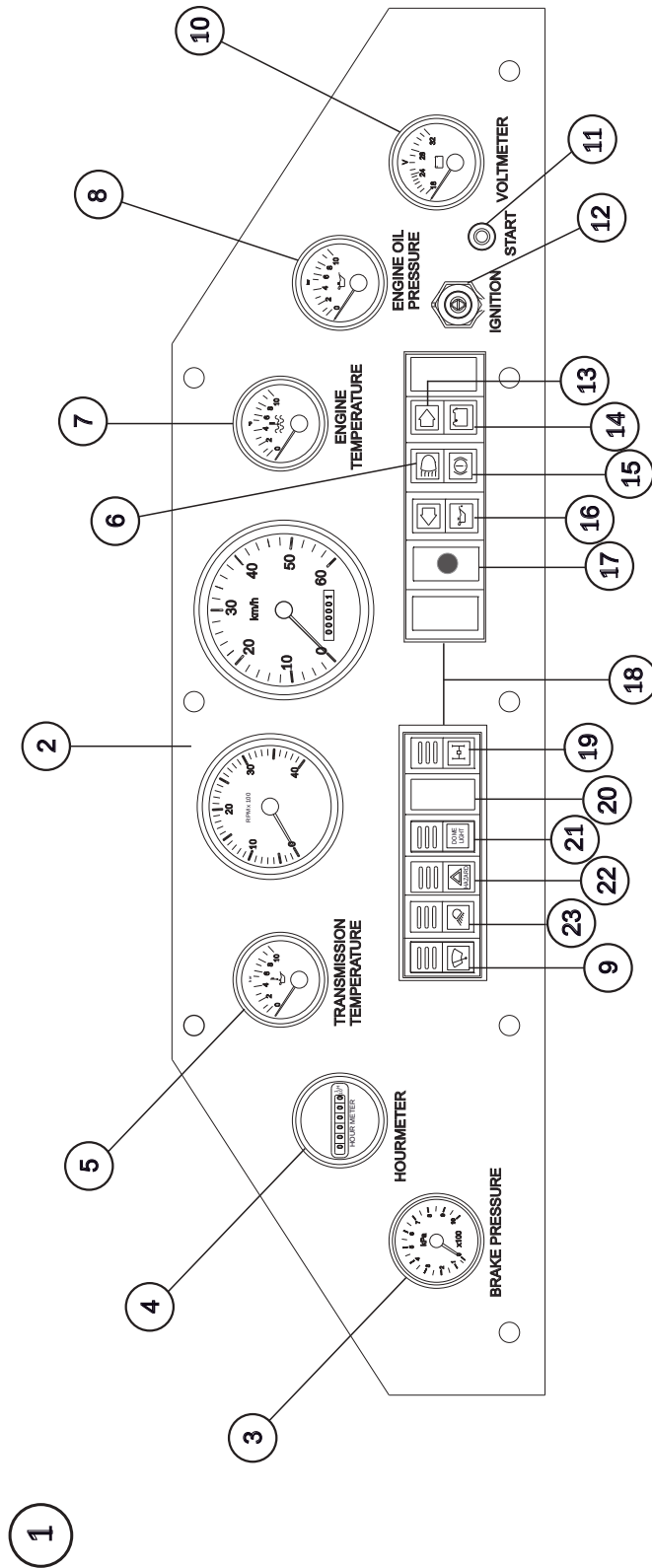


FUSE BOX LAYOUT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	4	440108	Fuse, 20A
2	19	440106	Fuse, 10A
3	1	440131	Flasher 12V Unit
4	7	440089	Relay 12V 5 Pin
5	10	440107	Fuse, 15A
6	2	440512	Power Tap Module
7	2	440524	Fuse, 70A
8	2	440523	Fuse, 60A
9	1	440268	Fuse Box, Complete



DASHBOARD LAYOUT





DASHBOARD LAYOUT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	440002	Dash, Complete
2	1	390021	Plate, Dashboard
3	1	441049	Gauge, Air Pressure
4	1	441044	Gauge, Hour Meter
5	1	441047	Gauge, Transmission Oil Temperature
6	1	440200	Lense, High Beam
7	1	441046	Gauge, Water Temperature
8	1	441045	Gauge, Engine Oil Pressure
9	1	440202	Switch Wipers
10	1	441048	Gauge, Voltmeter
11	1	440114	Push Starter
12	1	440057	Switch, Ignition
13	2	440203	Lense, Indicator
14	1	440197	Lense, Battery
15	1	440632	Lense, Handbrake
16	1	440198	Lense, Oil
17	1	-	Speedometer Reset Button
18	2	440174	Panel, 6 Way
19	1	440470	Lense, 4x4
20	3	440063	Dash, Blank
21	1	440664	Switch, Dome Light
22	1	440171	Switch, Hazard
23	1	440201	Lense, Work Light

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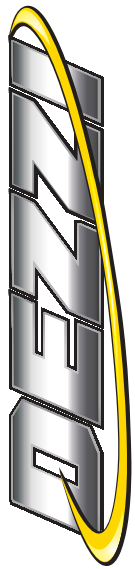
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DESMOND EQUIPMENT S.A.

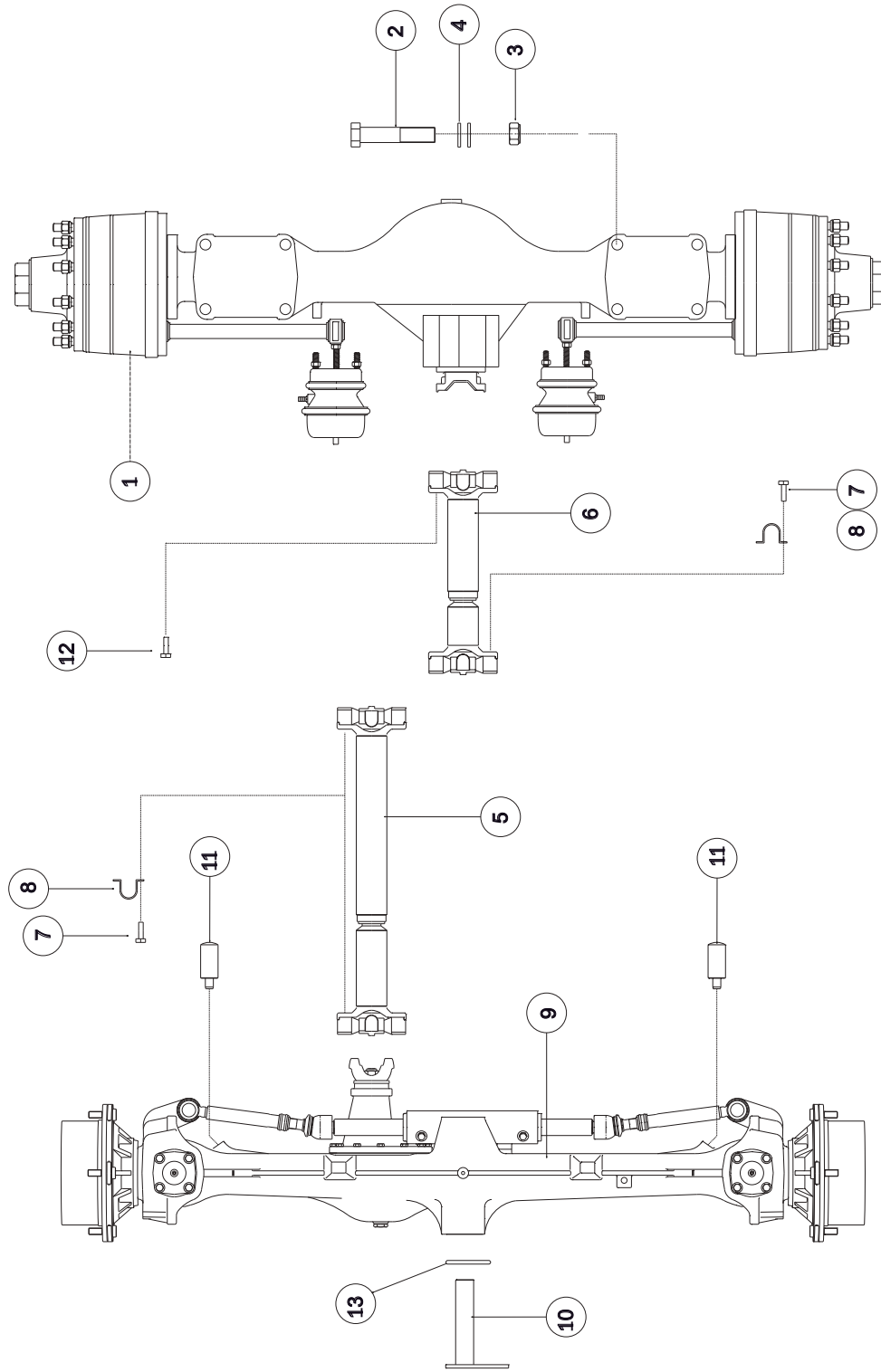
DESMOND SERVICE GUIDE
D.H. & D.A.H. RANGE

AXLES & DRIVE TRAIN	10	250	500	750	1000	1250	1500	1750	2000	3000
R/H/R FINAL DRIVE OIL LEVEL		2	2	2	4	2	2	2	4	
L/H/R FINAL DRIVE OIL LEVEL		2	2	2	4	2	2	2	4	
R/H/F FINAL DRIVE OIL LEVEL		2	2	2	4	2	2	2	4	
L/H/F FINAL DRIVE OIL LEVEL		2	2	2	4	2	2	2	4	
REAR DIFFERENTIAL OIL LEVEL		2	4	2	4	2	4	2	4	
FRONT DIFFERENTIAL OIL LEVEL		2	4	2	4	2	4	2	4	
BRAKE SHOE WEAR		2	2	2	2	2	2	2	2	
AXLE MOUNTING BOLTS - STUDS		2	2	2	2	2	2	2	2	
AXLE BREATHER		2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	
BRAKE ADJUSTMENT		2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	
PROPSHAFT SECURE		2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	
FRONT AXLE PIVOT - PINS	5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	
STEERING BALL JOINTS		2	2	2	2	2	2	2	2	
FRONT WHEEL BEARINGS 2WD			2-1		2-1		2-1		3-5	

- 1 = ADJUST
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- 8 = CHANGE WHEN INDICATOR SHOWS "RED"



DRIVE ASSEMBLY - PROPSHAFT LAYOUT





DRIVE ASSEMBLY - PROPSHAFT LAYOUT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	330076	Axle, Rear Rockwell PRC 673
2	8	100287	Bolt, Axle Retaining PRC 673
3	8	110052	Nut, Nyloc
4	16	105543	Washer, Flat Heavy
5	1	320059	Propshaft, Front
6	1	320132	Propshaft, Rear
7	12	110015	Bolt, UJ
8	6	110026	Strap, UJ
9	1	330025	Axle, Front ITL SD55
10	1	800857	Pin, Axle Mounting
11	2	801173	Stopper Block Front Axle
12	4	100110	Bolt
13	As Req	800250	Shim

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DESMOND EQUIPMENT

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