TRIPLE ROLLER TUBE PAVERS

TRTP150B

OPERATIONS & PARTS MANUAL

Manual Part #: 052594 | Revision: 05.2022
Language: English | Original Instructions

ALLEN
CONCRETE PAVERS

Triple Roller Tube Paver

OPERATIONS - PARTS MANUAL

This manual covers the products listed below:

Part No.	Description	Part No.	Description
051261	TRTP, 150B 12’ W/ SPRAY	051271	TRTP, 150B 12’ W/O SPRAY
051262	TRTP, 150B 14’ W/ SPRAY	051272	TRTP, 150B 14’ W/O SPRAY
051263	TRTP, 150B 16’ W/ SPRAY	051273	TRTP, 150B 16’ W/O SPRAY
051264	TRTP, 150B 18’ W/ SPRAY	051274	TRTP, 150B 18’ W/O SPRAY
051265	TRTP, 150B 20’ W/ SPRAY	051275	TRTP, 150B 20’ W/O SPRAY
051266	TRTP, 150B 22’ W/ SPRAY	051276	TRTP, 150B 22’ W/O SPRAY
051267	TRTP, 150B 24’ W/ SPRAY	051277	TRTP, 150B 24’ W/O SPRAY
051268	TRTP, 150B 26’ W/ SPRAY	051278	TRTP, 150B 26’ W/O SPRAY
051269	TRTP, 150B 28’ W/ SPRAY	051279	TRTP, 150B 28’ W/O SPRAY
051270	TRTP, 150B 30’ W/ SPRAY	051280	TRTP, 150B 30’ W/O SPRAY

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Allen Products are covered under one or more of the following patent numbers:
U.S. Design Patents: 344,736; 400,542; 400,544; 402,998; 402,999; 403,332; 404,041; 404,042; 410,931; 413,127; 416,564; 465,897; 466,909; 474,203.
U.S. Utility Patents: 5,108,220; 5,238,323; 5,328,295; 5,352,063; 5,405,216; 5,476,342; 5,480,257; 5,480,258; 5,533,831; 5,562,361; 5,567,075; 5,613,801; 5,658,089; 5,685,667; 5,803,658; 5,816,739; 5,816,740; 5,890,833; 5,934,823; 5,967,696; 5,988,938; 5,988,939; 6,019,433; 6,019,545; 6,048,130; 6,053,660; 6,089,786; 6,106,193; 6,857,815; 5,288,166; 6,582,153 B1, 7,108,449; 7,114,876; 7,316,523; 7,690,864 B2
Canadian Patents: 2,039,893.

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Limited Warranty

LIMITED WARRANTY and LIMITATION OF LIABILITY

Allen Engineering Corporation ("Allen") warrants its products to be free of defects in material or workmanship for the following periods:

A. **New Machines and Parts.....Two Years**

Warranty period begins on first day of use by End User. This first day of use is established by the date of a completed Allen Warranty Card or a Bill of Sale to the End User. All warranty is based on the following limited warranty terms and conditions, including the disclaimer of implied warranties and consequential damages.

1. Allen's obligation and liability under this warranty is limited to repairing or replacing parts if, after Allen's inspection, there is determined to be a defect in material or workmanship. Allen reserves the choice to repair or replace.

2. If Allen chooses to replace the part, it will be at no cost to the customer and will be made available to the Allen Distributor, Dealer, or Rental Center from whom the End User purchased the product.

3. Replacement or repair parts, installed in the product, are warranted only for the remainder of warranty period of the product as though they were the original parts.

4. Allen does not warranty engines. Engine warranty claims should be made directly to an authorized factory service center for the particular engine manufacturer.

5. Allen's warranty does not cover the normal maintenance of products or its components (such as engine tune-ups and oil & filter changes). The warranty also does not cover normal wear and tear items (such as belts and consumables).

6. Allen's warranty will be void if it is determined that the defect resulted from operator abuse, failure to perform normal maintenance on the product, modification to product, alterations or repairs made to the product without the written approval of Allen. Allen specifically excludes from warranty any damage to any trowels resulting from an impact to the rotors.

7. Impact damage is not covered under the Allen Gear Box warranty.

8. Allen will pay shop labor on warranty items at the Allen Shop Labor Rate in existence on the date of the warranty claim. An Allen Labor Chart will determine the time allowed to complete a repair and will govern the shop labor hours that will be allowed.

9. Allen will pay freight on warranty replacement parts at worldwide standard ground rates. No warranty replacement parts will be shipped air freight at the expense of Allen. Allen only pays outbound freight charges when sending warranty replacement parts to the customer via ground service. Allen does not pay any inbound freight. However, if Allen determines this to be a warranted item, only then will Allen reimburse the customer for inbound freight at standard ground rates.

10. ALLEN ENGINEERING CORPORATION'S WARRANTY POLICY WILL NOT COVER THE FOLLOWING: TAXES; SHOP SUPPLIES; ENVIRONMENTAL SURCHARGES; AIR FREIGHT; TRAVEL TIME; LOSS OF TIME; INCONVENIENCE; LOSS OF RENTAL REVENUE; RENTAL COSTS OF EQUIPMENT USED TO REPLACE THE PRODUCT BEING REPAIRED; LOSS OF USE OF THE PRODUCT; COMMERCIAL LOSS; OR ANY OTHER CHARGES WHATSOEVER OR ANY LIABILITIES FOR DIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE OR DELAY.

11. ALLEN ENGINEERING CORPORATION MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED. THIS LIMITED WARRANTY IS IN LIEU OF THE WARRANTY OF MERCHANTABILITY AND FITNESS. THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THIS DOCUMENT.

12. No Allen employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Allen Engineering Corporation.

Table of Contents

Title	Page
Limited Warranty	4
Table of Contents	5
Information Contained In This Manual	7
Dealer Information	8
Ordering Parts	9
Model Number - Serial Number Codes	10
Unit Identification	11
Technical specifications	12
Engine Specifications	14
Engine Breakdown	15
Dimensions	16
Section 1 - Safety	
State Regulations	18
Federal Regulations	19
Safety Information	20
Safety Symbols	21
General Safety	22
Safety Labels and Decals	25
Section 2 - Operations	
Description	26
Startup Procedures	27
Controls	28
Operating	30
Section 3 - Service	
Finish Tube Adjustment	31
Tube Changing Procedure	32
Maintenance Schedule	33
Cleaning Procedure	34

Table of Contents - Continued

Title	Page
Parts	
Framework Assembly	36
Spray Pump Assembly (Option)	38
Spray System Assembly (Option)	40
Spray Nozzle Assembly (Option)	46
Hydraulics Assembly	48
Hydraulic Schematic	56
Fuel System Assembly	58
Roller Tube Mount Assembly	62
Power Unit End Assembly	64
Idle Unit End Assembly	66
Spray Bar Assembly (Option)	70
Scraper Assembly	72
Electrical Box Assembly	74
Rear Walkway Assembly (Option)	76
Front Walkway Assembly (Option)	78

Information Contained in this Manual

This manual provides information and procedures to safely operate and maintain the Allen Machine.

For your own safety and protection from personal injury, carefully read, understand, and observe the safety instructions described in this manual. Keep this manual or a copy of it with the machine at all times.

Always operate this machine in accordance with the instructions described in this manual. A well maintained piece of equipment will provide many years of trouble free operation.

This manual is divided into the following sections:

SECTION 1 SAFETY

SECTION 2 OPERATIONS

SECTION 3 SERVICE

SECTION 4 PARTS

Complete any warranty requirements as specified by the engine manufacturer in their instructions found inside the manual box located on the operator's control panel.

Your engine is not manufactured by Allen Engineering Corporation, Inc, and therefore is not covered under Allen Engineering Corporation, Inc warranty.

Your engine manufacturer should be contacted if you wish to purchase a parts manual or a repair manual for your engine.

Refer to enclosed owners engine manual for complete O&M instructions. See your battery manufacturer for battery warranty.

Dealer Information

Your Dealer has Allen Engineering Corporation trained mechanics and original Allen replacement parts. Always contact the Allen Dealer who sold you this machine for Allen Certified repairs and replacement parts.

Place Allen Dealer information below for future reference.

Dealer Name: _____

Phone #: (____) - ____ - _____

Address: _____

City:_____State:_____ Zip:_____

Salesman: _____Mobile Phone _____

Additional Comments: _____

_____

_____

Ordering Parts

Section 4 contains illustrated parts lists for help in ordering replacement parts for your machine. Follow the instructions below when ordering parts to insure prompt and accurate delivery:

1. All orders for service parts - include the serial number for the machine. Shipment will be delayed if this information is not available.

2. Include correct description and part number from the “PARTS” section of this manual.

3. Specify exact shipping instructions, including the preferred routing and complete destination address.

4. DO NOT return parts to AEC without receiving written authorization from AEC. All authorized returns must be shipped pre-paid.

5. When placing an order, please contact the AEC dealer nearest you.

NOTE

All information, specifications, and illustrations in this manual are subject to change without notice and are based on the latest information at the time of publication.

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Model Number - Serial Number Codes

Manufacturer's Codes:
When ordering parts or requesting service information, you will always be asked to specify the model and serial numbers of the machine. The legends below specifically defines each significant character or group of characters of the Model Number and Serial Number codes.

Model Number

T150 B

Series
B

Triple Roller Tube Paver
150

Serial Number
The serial number found on the identification plate is a ten digit format. The model number identifies your machine and will ensure that you receive the correct replacement parts.

Serial Number Example

T15 14 01 180

Sequence Number

Month

Year

Series

Unit Identification

Unit Identification Plate Location:

An identification plate listing the model number and the serial number is attached to each unit and is located on the top left corner of the operator end handle. See image below for serial number plate location. This plate should not be removed at any time.

Please record the information found on this plate below so it will be available should the identification plate become lost or damaged. When ordering parts or requesting service information, you will always be asked to specify the model and serial numbers of the machine.

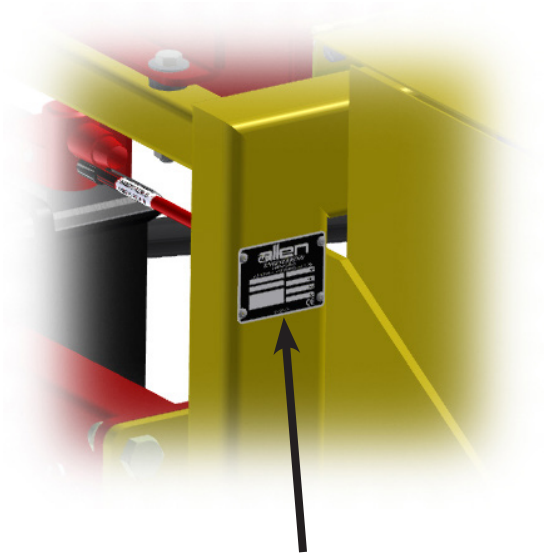
FILL IN FOR FUTURE REFERENCE

Model Number:_____

Serial Number:_____

Date Purchased:_____

Purchased From:_____



Technical Specifications

Measurements in this manual are in U.S. units and their customary metric units (i.e., metric units contained within brackets [8 mm]).

Machine Features:

MACHINE:

• Hydraulic Oil Reservoir	13.5 Gallons [51L]
• Fuel Reservoir	10 Gallons [37.85L]
• Direct drive hydraulic pump system?	Yes
• Machine widths available in 2’ increments	12’ to 30’ [3.66M to 9.14M]
• Total machine weight at 16’ [4.87M]	Standard - 3,500 lbs [1,587.5 kg]

Weight changes approximately 175 lbs [79.3 kg] per foot.

HYDRAULIC DRIVES:

• Direct spline drive to each tube?	Yes
• Individual control for travel and screeding tubes?	Yes
• Variable speed controls?	Yes

STRIKE OFF TUBE:

• Direct drive forward and reverse?	Yes
• Speed from 0 to 180 RPM?	Yes

TRAVEL TUBES:

• Direct drive to each tube?	Yes
• Variable speed forward and reverse 0’ to 25’ per minute?	Yes
• Travel tube scrapers	Standard
• Heavy duty alloy steel octagonal drivers with spline motor connectors on all tubes?	Yes

ROLLER TUBES:

• Diameter	6” Sch 40 Pipe
• Wall Thickness	.280” [7.11mm]
• Tube weight per foot	20.1 lbs [9.12kg]
• Water Ballast available?	Yes

FRAMEWORK:

• Operator Platform Standard?	Yes
• Idle end counter weight?	Yes
• Sectionalized overhead?	Yes

SPRAY SYSTEMS:

• Hydraulic spray system (50 gallons [189.2L] water tank)	Optional

Technical Specifications (cont'd)

STEERING LEG:

Hydraulic Steering Leg	Optional

WALKWAYS:

Front Walkway	Optional
Rear Walkway	Optional
Counter balance tube (must have rear walkway)	Optional

Engine Specifications

Engine Information

The TRTP150B is equipped with a liquid cooled 38 HP Kohler gasoline engine. Refer to the applicable engine OEM Owner's manual for specific instructions regarding engine operation.

Engine Features:

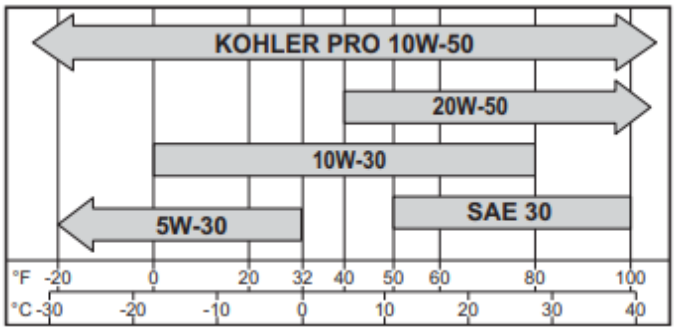
Model Number: ..... Command PRO EFI ECH980
Fuel Type ..... Gasoline
Max Power @3600 RPM hp (kW) 38 (28.3)
Displacement cu in (cc) 61 (999)
Bore in (mm) 3.5 (90)
Stroke in (mm) 3.1 (78.5)
Peak Torque @ Maximum lbs ft (Nm) 61.5 (83.4)
Compression Ratio 8.8:1
Dry Weight lbs (kg) 132 (60)
Oil Capacity U.S. quarts (L) 2.0 (1.9)
Lubrication ..... Full pressure w/full-flow filter
Dimensions L x W x H in ..... 15.8 x 19.1 x 23.6

Engine Oil

Recommended oil: Kohler PRO 10W-50 Synthetic (2 Qts)

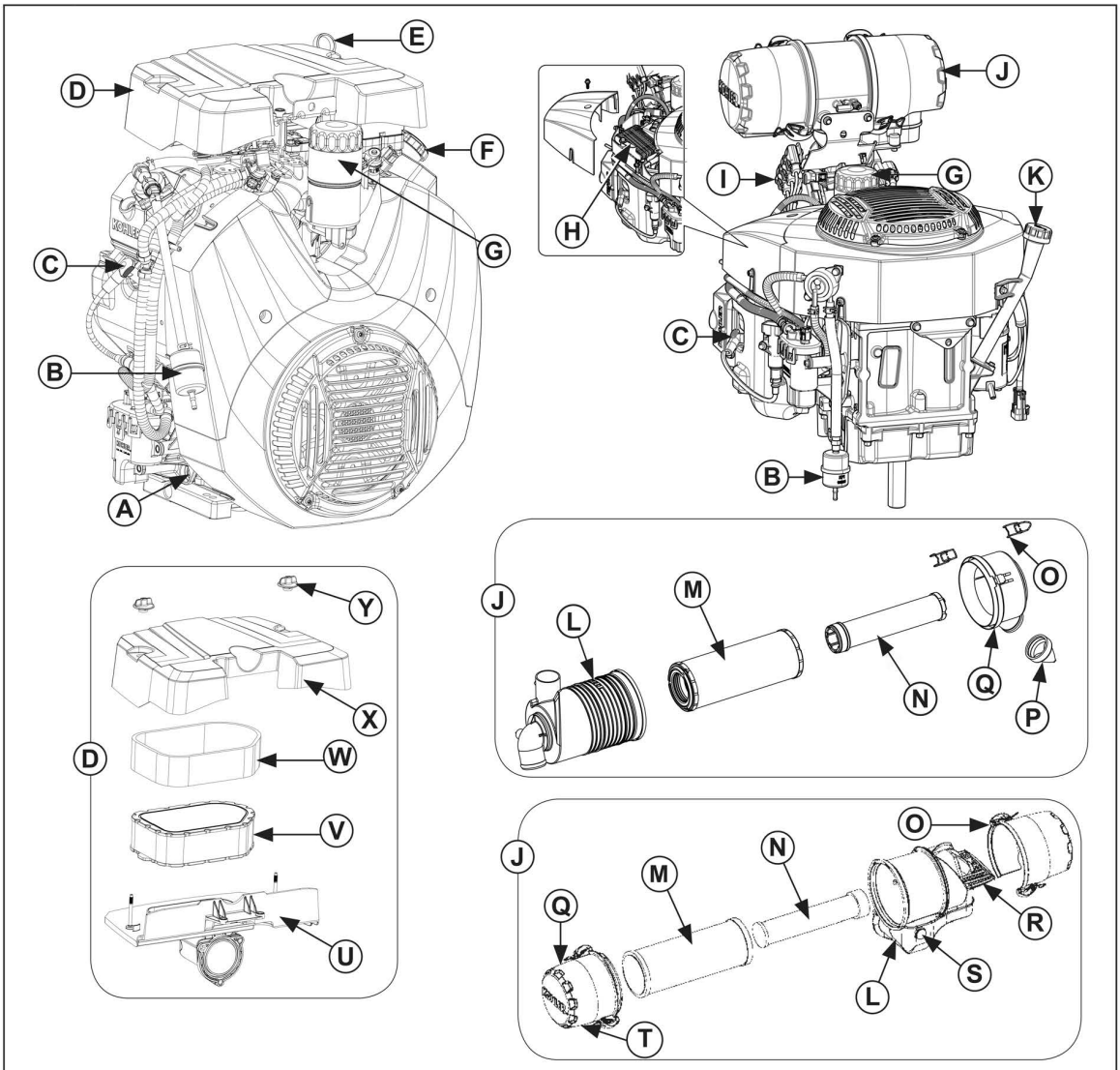
Alternative oils must be API service class SJ or higher.

- Change the type of engine oil according to the ambient temperature. See figure below.
- When using oil of different brands from the previous one, be sure to drain all the previous oil before adding the new engine oil.
- For general use 10W/30 oil is recommended (2 Qts).



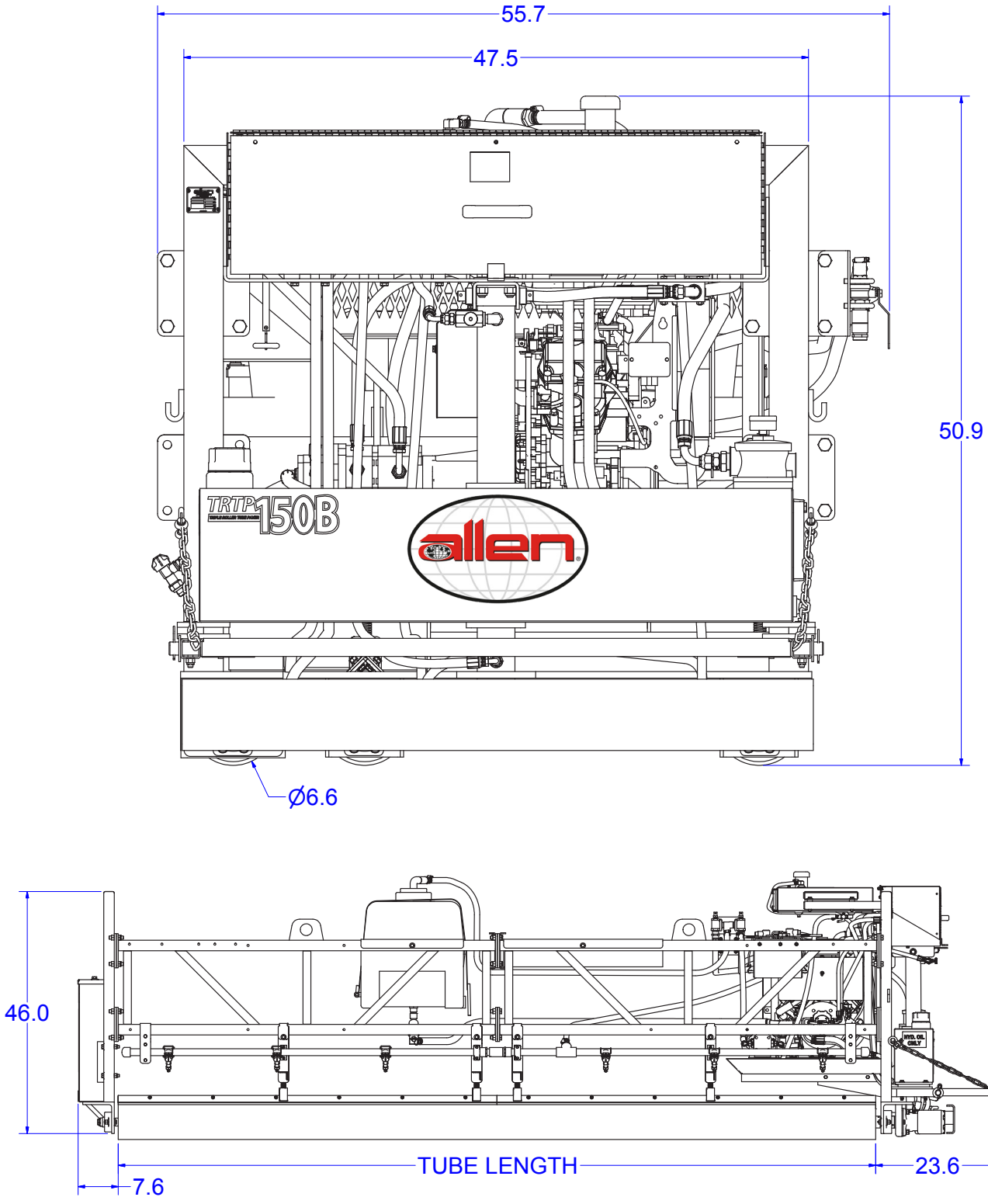
Engine Breakdown

The Information below was taken directly from the manufactures product literature. For further information please reference the engine manufactures Owner's Manual and Service manual.

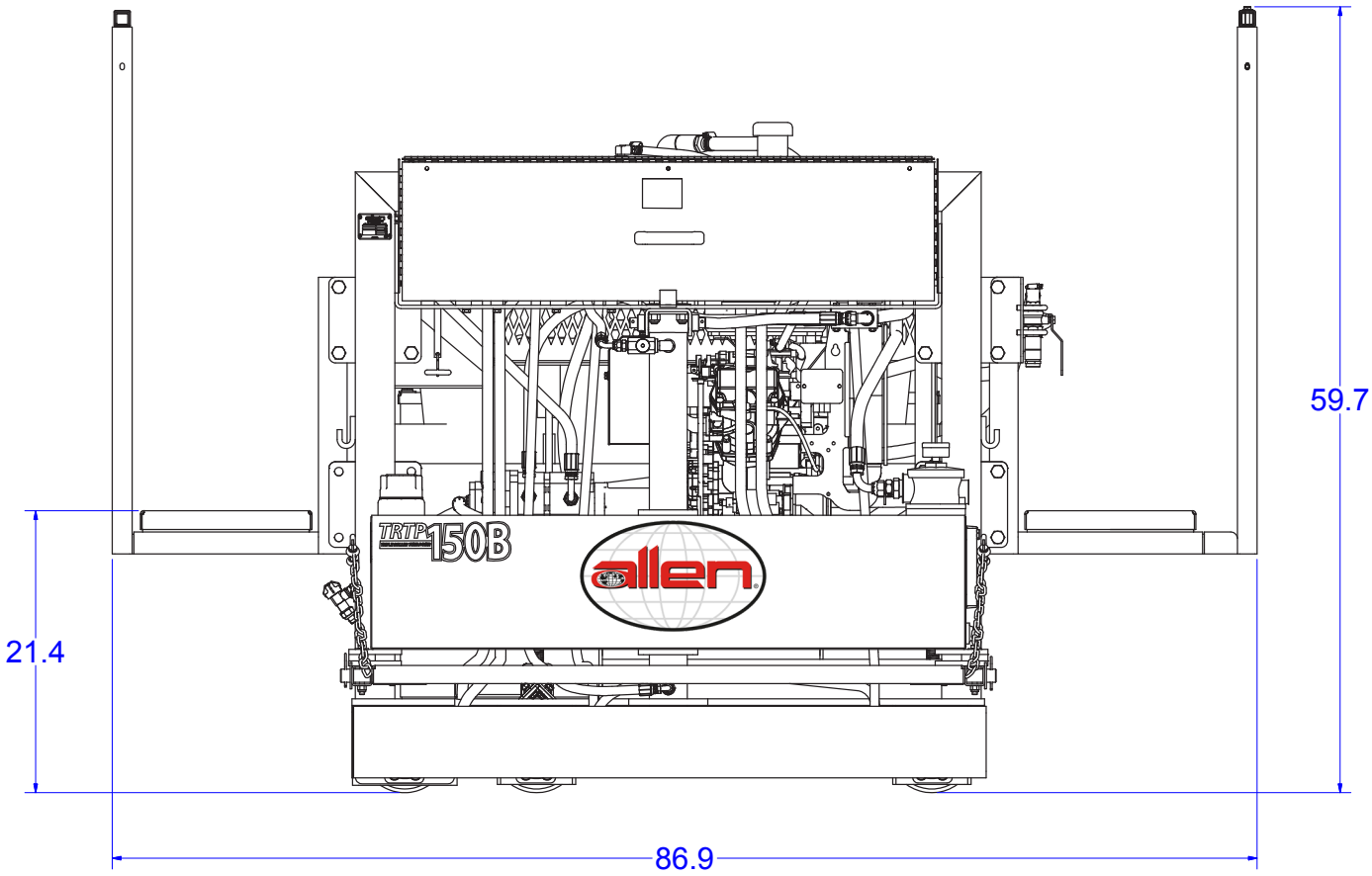


A	Oil Drain Plug	B	Fuel Filter	C	Spark Plug	D	Low-Profile Air Cleaner
E	Dipstick	F	Oil Fill	G	Oil Filter	H	Oil Cooler
I	Fuses	J	Heavy-Duty Air Cleaner	K	Oil Fill/Dipstick	L	Air Cleaner Housing
M	Element	N	Inner Element	O	Retaining Clip	P	Dust Ejector Valve
Q	End Cap	R	Inlet Screen	S	Plug or Filter Minder	T	Ejector Area
U	Air Cleaner Base	V	Paper Element	W	Precleaner	X	Air Cleaner Cover
Y	Air Cleaner Knob	**Note: Refer to the left side of this figure for information about the Kohler ECH980 engine.**					

Machine Dimensions
Standard



Machine Dimension (cont'd)
Standard with Walkways



State Regulations
Proposition 65 Warning

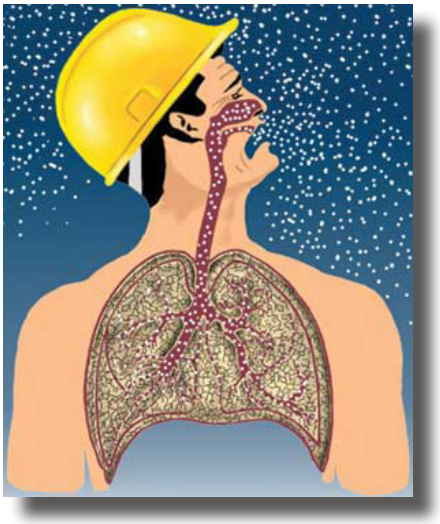
⚠ WARNING ⚠

CALIFORNIA — Proposition 65 Warning

Engine exhaust and some of its constituents, and some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks.
- Cement and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: ALWAYS work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.



⚠ WARNING

RESPIRATORY HAZARDS

Grinding/cutting/drilling of masonry, concrete, metal and other materials can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm. If you are unfamiliar with the risks associated with the particular process and/or material being cut or the composition of the tool being used, review the material safety data sheet and/or consult your employer, the material manufacturer/supplier, governmental agencies such as OSHA and NIOSH and other sources on hazardous materials. California and some other authorities, for instance, have published lists of substances known to cause cancer, reproductive toxicity, or other harmful effects.

Control dust, mist and fumes at the source where possible. In this regard use good work practices and follow the recommendations of the manufacturers or suppliers, OSHA/NIOSH, and occupational and trade associations. Water should be used for dust suppression when wet cutting is feasible. When the hazards from inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH/MSHA for the materials being used.

⚠ WARNING

SILICOSIS WARNING

Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When cutting such materials, always follow the respiratory precautions mentioned above.

SECTION 1 SAFETY

Safety Information

Do not operate or service the equipment before reading the entire manual. Safety precautions should be followed at all times when operating this equipment. Failure to read and understand the safety messages and operating instructions could result in injury to yourself and others.

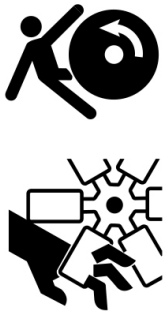
SAFETY NOTES

The four safety notes shown below will inform you about potential hazards that could injure you or others. The safety notes specifically address the level of exposure to the operator and are preceded by one of four words: DANGER, WARNING, CAUTION or NOTICE.

DANGER	Indicates a hazardous situation which, if not avoided, **will** result in death or serious injury.
⚠ WARNING	Indicates a hazardous situation which, if not avoided, **could** result in death or serious injury.
⚠ CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE	Addresses practices not related to personal injury.

Safety Symbols

Potential hazards associated with the operation of this equipment will be referenced with hazard symbols which may appear throughout this manual in conjunction with safety notes.

Symbol	Safety Hazard
	Lethal exhaust gas hazards
	Explosive fuel hazards
	Burn hazards
	Rotating parts/crush hazards
	Pressurized fluid hazards
	Hydraulic fluid hazards

SECTION 1 SAFETY

General Safety

NOTICE

● **ALWAYS** keep the machine in proper running condition.

● Fix damage to machine and replace any broken parts immediately.

● **ALWAYS** store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children and unauthorized personnel.

⚠ WARNING

● **DO NOT** place hands or fingers inside engine compartment when engine is running.

● **NEVER** operate the engine with heat shields or guards removed.

● Keep fingers, hands hair and clothing away from all moving parts to prevent injury.

● **DO NOT** remove the engine oil drain plug while the engine is hot. Hot oil will gush out of the oil tank and severely scald any persons in the general area of the machine.

⚠ CAUTION

● **NEVER** touch the hot exhaust manifold, muffler or cylinder. Allow these parts to cool before servicing equipment.

NOTICE

● **NEVER** run engine without an air filter or with a dirty air filter. Severe engine damage may occur. Service air filter frequently to prevent engine malfunction.

● **NEVER** tamper with the factory settings of the engine or engine governor. Damage to the engine or equipment can result if operating in speed ranges above the maximum allowable.

DANGER

● **DO NOT** start the engine near spilled fuel or combustible fluids. Fuel is extremely flammable and its vapors can cause an explosion if ignited.

● **ALWAYS** refuel in a well-ventilated area, away from sparks and open flames.

● **ALWAYS** use extreme caution when working with flammable liquids.

● **DO NOT** fill the fuel tank while the engine is running or hot.

● **DO NOT** overfill tank, since spilled fuel could ignite if it comes into contact with hot engine parts or sparks from the ignition system.

● Store fuel in appropriate containers, in well-ventilated areas and away from sparks and flames.

● **NEVER** use fuel as a cleaning agent.

● **DO NOT** smoke around or near the equipment. Fire or explosion could result from fuel vapors or if fuel is spilled on a hot engine.

DANGER

● **DO NOT** drop the battery. There is a possibility that the battery will explode.

● **DO NOT** expose the battery to open flames, sparks, cigarettes, etc. The battery contains combustible gases and liquids. If these gases and liquids come into contact with a flame or spark, an explosion could occur.

WARNING

● **ALWAYS** wear safety glasses when handling the battery to avoid eye irritation. The battery contains acids that can cause injury to the eyes and skin.

● Use well-insulated gloves when picking up the battery.

● **ALWAYS** keep the battery charged. If the battery is not charged, combustible gas will build up.

● **DO NOT** charge battery if frozen. Battery can explode. When frozen, warm the battery to at least 61°F (16°C).

General Safety (cont'd)

● **ALWAYS** recharge the battery in a well-ventilated environment to avoid the risk of a dangerous concentration of combustible gases.

● If the battery liquid (dilute sulfuric acid) comes into contact with clothing or skin, rinse skin or clothing immediately with plenty of water.

● If the battery liquid (dilute sulfuric acid) comes into contact with eyes, rinse eyes immediately with plenty of water and contact the nearest doctor or hospital to seek medical attention.

⚠ CAUTION

● **ALWAYS** disconnect the negative battery terminal before performing service on the equipment.

● **ALWAYS** keep battery cables in good working condition. Repair or replace all worn cables.

● Walk around the machine before starting it to see if any items are worn, damaged, leaking, etc. that may make the machine dangerous to operate.

● Stop and inspect the equipment if you strike an object. If necessary, make repairs before restarting.

● **ALWAYS** check that all controls are functioning properly immediately after start-up!

● **DO NOT** operate machine unless all controls operate correctly.

This decal notates special safety equipment that is required to operate this machine.

This decal notates the pinch point locations on this machine.

This decal indicates that this machine can start fires to it's surroundings due to sparks from the exhaust.

This decal indicates a hot surface and warns personnel not to touch.

This decal notates that this equipment was proudly manufactured in the United States of America.

SECTION 2 OPERATIONS

Description

The Triple Roller Tube Paver (TRTP) is a simple, but effective, paving machine. This particular model is the smallest of the TRTP family. The model 150B paver is the ideal machine for smaller paving jobs. This machine also has a spray system and a steering leg which are optional options.

Your machine is built from heavy duty steel for reliability and strength. The end frames and overhead truss-work are strongly built for the longer machines as well as the smaller ones. A weight box on the idle-end frame helps to balance out the machine due to the weight on the motor end frame.

This machine is built for the ultimate quick finish for a reasonable investment. The roller tubes on this machine are made of rugged 6” Schedule 40 pipe. We can customize the length of your machine from 12 ft (3.05m) thru 30 ft. (9.14m) in any 2 ft (.61m) increment. No matter what conditions your job may be under, Allen Concrete Pavers (ACP) can make the machine to fit your needs.

Your machine primarily runs on a 38 HP gasoline engine. The engine is electrically started. All hydraulic components function mainly from the 14+3.2 GPM heavy-duty tandem pump mounted to the engine. The hydraulic and fuel tanks are constructed of a heavy-duty steel for durability.

The front paving tube has a variable speed control with forward and reverse movement. The maximum setting for the finishing tube is 146 RPM’s and the maximum setting for the travel tube is 20 RPM’s. However, this machine can finish an astounding 382 surface feet per minute.

Before Starting Procedures

Before starting the machine check for the following:

1) Oil level in engine.

2) Hydraulic oil level in hydraulic tank.

3) Fuel level in fuel tank.

4) Condition of hydraulic oil and air filters.

5) Verify that daily maintenance has been performed.

6) Verify all controls are in the neutral position.

Starting Procedures

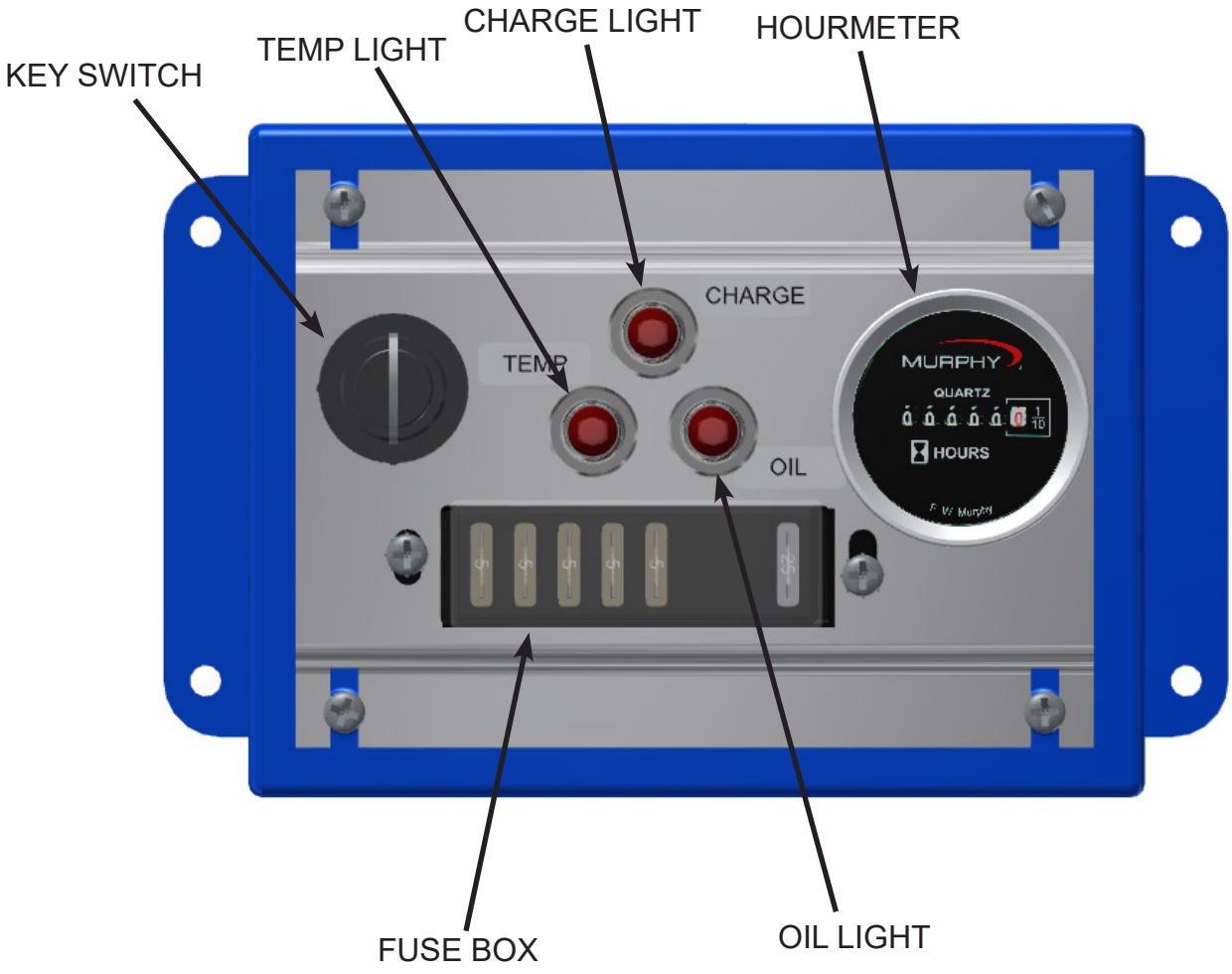
Before starting the machine, refer to pictures on Pages 28 and 29 for location and identification of operational and visual controls pertaining to the operation of the TRTP.

1) Turn igintion switch key to the start-position, immediately release key when engine starts. Allow engine and hydraulic components to warm up for 5 minutes before operating machine.

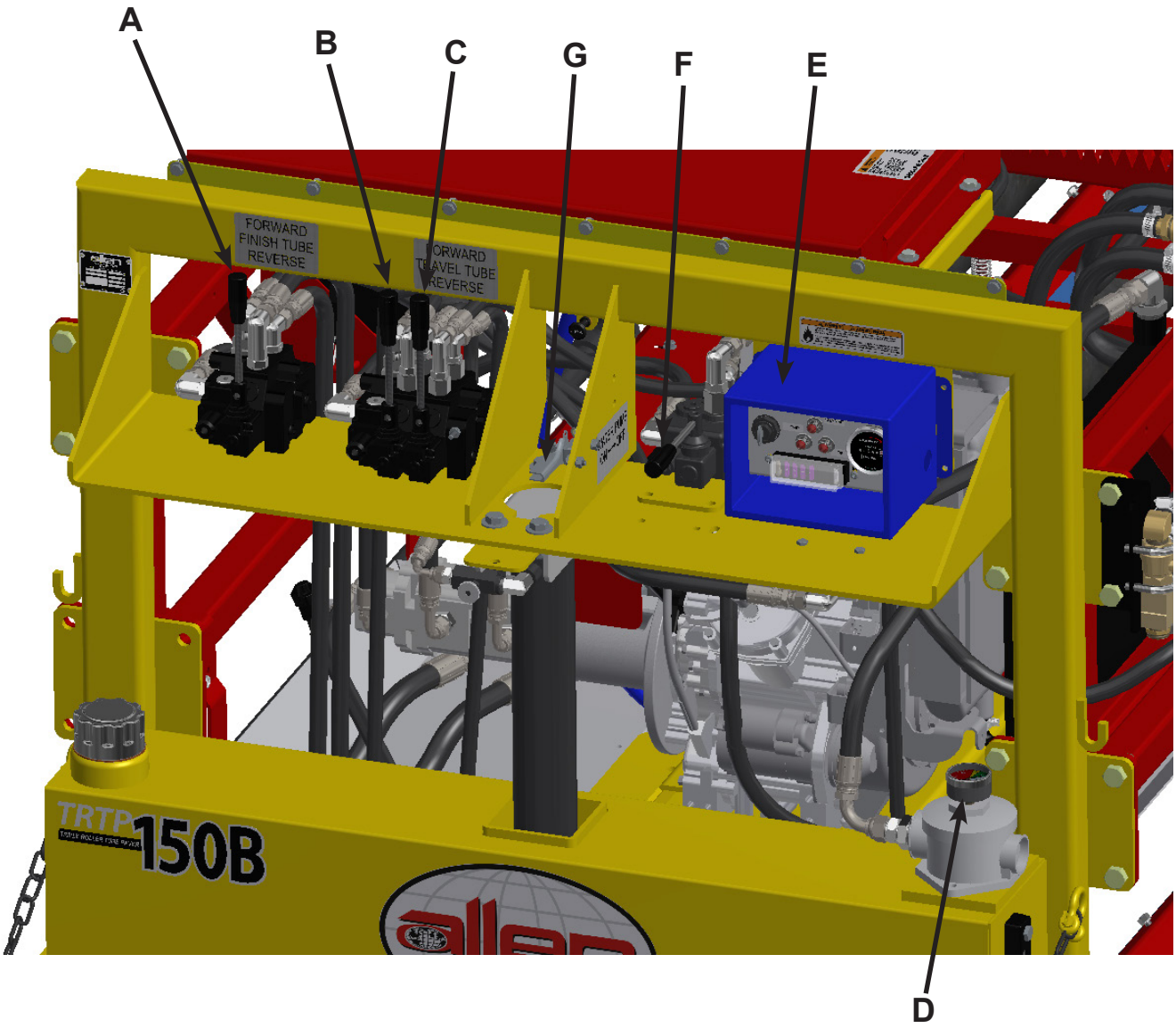
⚠ CAUTION

Operating the starter for more than 5 seconds can damage the starter or engine. If engine fails to start release the switch and wait 15 seconds before operating starter again.

Controls


KEY SWITCH
TEMP LIGHT
CHARGE LIGHT
HOURMETER
CHARGE
TEMP
OIL
MURPHY
QUARTZ
HOURS
FUSE BOX
OIL LIGHT

[A]	Finish Tube Control
[B]	Steering Leg Control
[C]	Travel Tube Control
[D]	Hydraulic Filter Gauge
[E]	Engine Control Box
[F]	Water Pump Control
[G]	Throttle Control



SECTION 2 OPERATIONS

Operations

Operating

The operation of this machine is easy to learn and is simple on the job. Without a whole lot of components and parts, with the exception of hoses and hydraulic components, this machine is a basic concrete paver. However, with out proper instruction on how to operate this machine, it can very easily become hazardous to the surrounding workers, as well as, being unable to finish a good pour.

• After you start the engine, increase the throttle to 80% of the maximum engine RPM.

• To start paving in the forward motion, push both of the operator levers up.

• For paving in the reverse mode, pull the levers down.

• To make all the tubes travel in the same direction (whether forward or reverse), push one lever up and pull the other down.

• To turn the machine pull the steering leg lever all the way down. Once you have turned the desired distance, push the lever back up to lift up the leg.

⚠ CAUTION

DO NOT use excessive pressure on the controls. Excessive pressure does not increase the reaction time of the machine and can damage controls.

Stopping

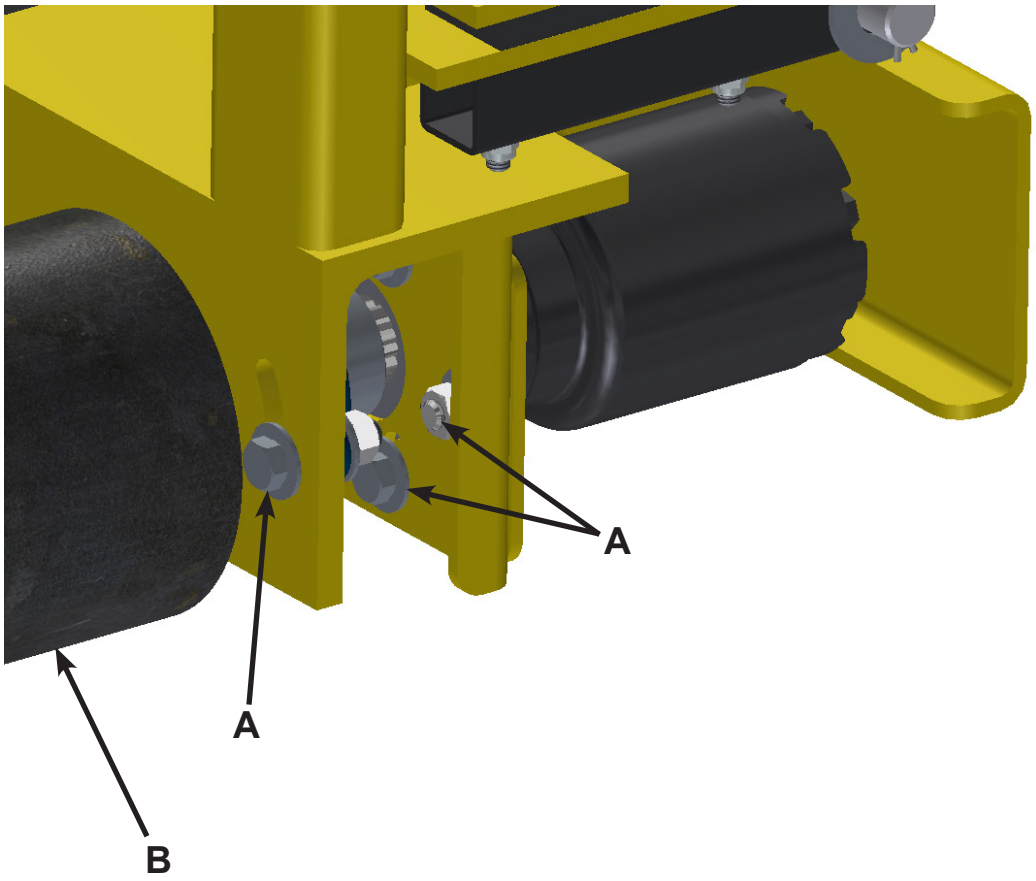
• Return all the tube control levers to the neutral position.

Finish Tube Adjustment Procedure

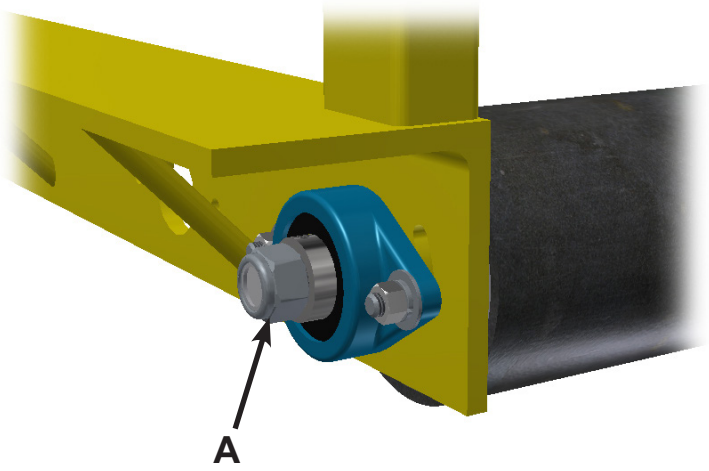
• To adjust the front finish tube height, do the following:

• Loosen the hardware for the bearings and the motor attachement plates (A).
NOTE: This must be done on both the motor end and idle end.

• Adjust tube (B) to the desired height above grade and retighten hardware.



Tube Changing Procedure

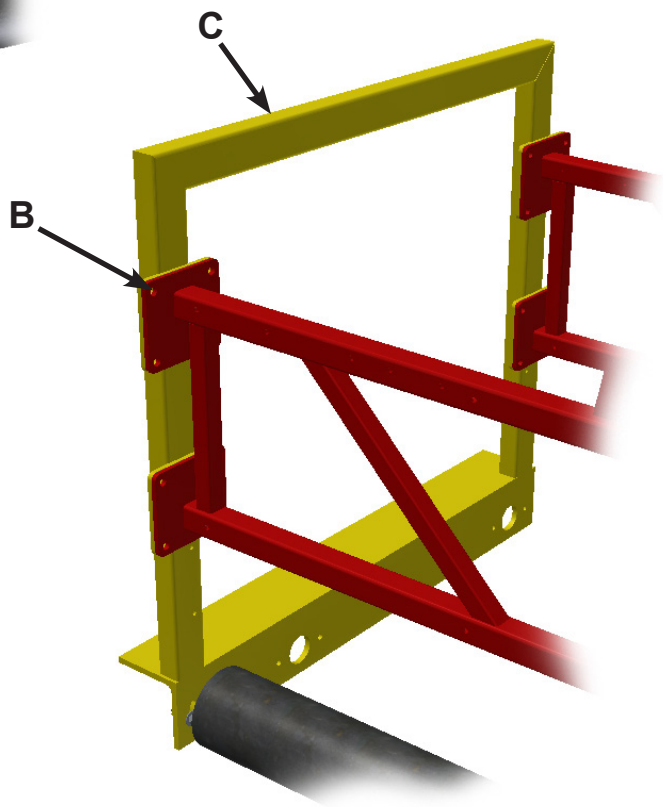


Step 1:

On the idle end.

Remove 1” nuts (A) from the tubes.

Loosen set screws on bearings.



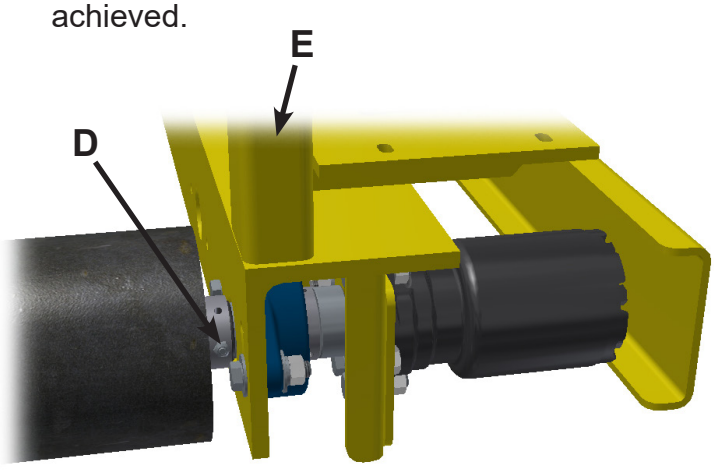
Step 2:

Take the 16 bolts (B) off the idle end frame that connect the framework to the end frame.

NOTE: Make sure that the framework is supported by a crane or hoist to insure that the framework does not collapse.

Remove the idle end frame (C).

Take the framework apart or add to section by section until the desired length is achieved.



Step 3:

Remove the 1/4” bolts (D) from the hex drivers.

Pull the tube out of the motor end frame (E), repeat this process with all three tubes.

Replace with the new length tubes.

Replace 1/4” bolts into the hex drivers.

Starting with the framework, reverse the process using the appropriate framework required. As the tube length changes, the framework obviously will change also.

CHECK LIST						
ITEM	**Daily**	**EVERY 20 HRS**	**EVERY 50 HRS**	**EVERY 100 HRS**	**EVERY 200 HRS**	**EVERY 300 HRS**
Hydraulic Oil Level	✓					
Fuel Level	✓					
Hoses & Fittings	✓					
External Hardware	✓					
Air Filter	✓					
Hydraulic Filters	✓					
Grease Bearings		✓				
Hydraulic Motors			✓			
Steering Leg			✓			
Change Engine Oil				✓		
Replace Oil Filter					✓	
Replace Fuel Filter						✓
Check Valve Clearance						✓

Engine Oil: (See page 14 for additional information)

Recommended oil: Kohler PRO 10W-50 Synthetic (2 Qts)

Alternative oils must be API service class SJ or higher.

- Change the type of engine oil according to the ambient temperature.
- When using oil of different brands from the previous one, be sure to drain all the previous oil before adding the new engine oil.
- For general use 10W/30 oil is recommended (2 Qts).

Hydraulic Oil:

Use Hydraulic oil 46 DTE25 or equivalent

Cleaning Procedure

Machine Cleaning Procedure

When cleaning the machine, please adhere to the following information to ensure proper cleaning and to keep the machine in the best condition possible.

Power Washing Procedure:

NOTICE

- Ensure that the water pressure is below 2000 PSI (14 MPa)
- Always keep the water temperature below 180°F (80°C)
- Use a spray nozzle with at minimum 40° wide spray angle
- Keep the nozzle at least 1 foot (300mm) away from the machine
- Avoid spraying water on the engine and electronic components. Examples include electronic displays, lights, switches, wiring, etc. The electronic components may be damaged if water is sprayed on them.
- Keep a perpendicular angle (90°) when cleaning over a decal.
  - Holding nozzle of a pressure washer at an angle different from 90° may lift the decal from the machine.
- Recommended using a safe cement dissolver, **BACK-SET** or similar**,** to remove hardened concrete.
- It is **NOT** recommended to use chemicals such as:
  - Muriatic Acid
  - Hydrochloric Acid
  - Hydrofluoric Acid
  - Sulfuric Acid
  - Phosphoric Acid
- To prevent build-up of concrete on the machine, use **BODY GUARD** or similar protection wax.

Filter Cleaning Procedure:

- Remove air filters and blow out with compressed air, **NOT** to exceed 80 PSI.

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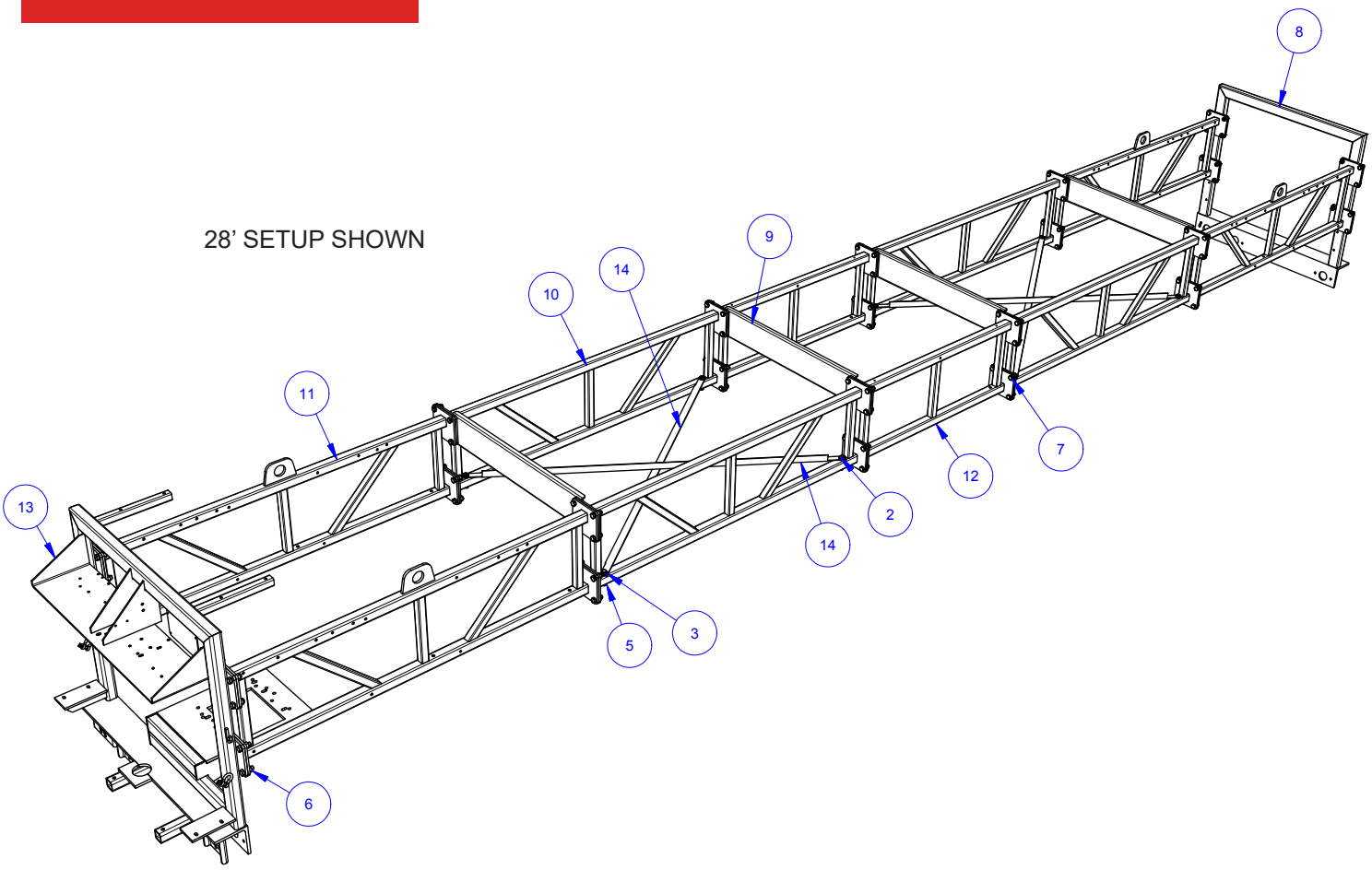
SECTION 4 PARTS

Framework Assembly Illustration and Parts List

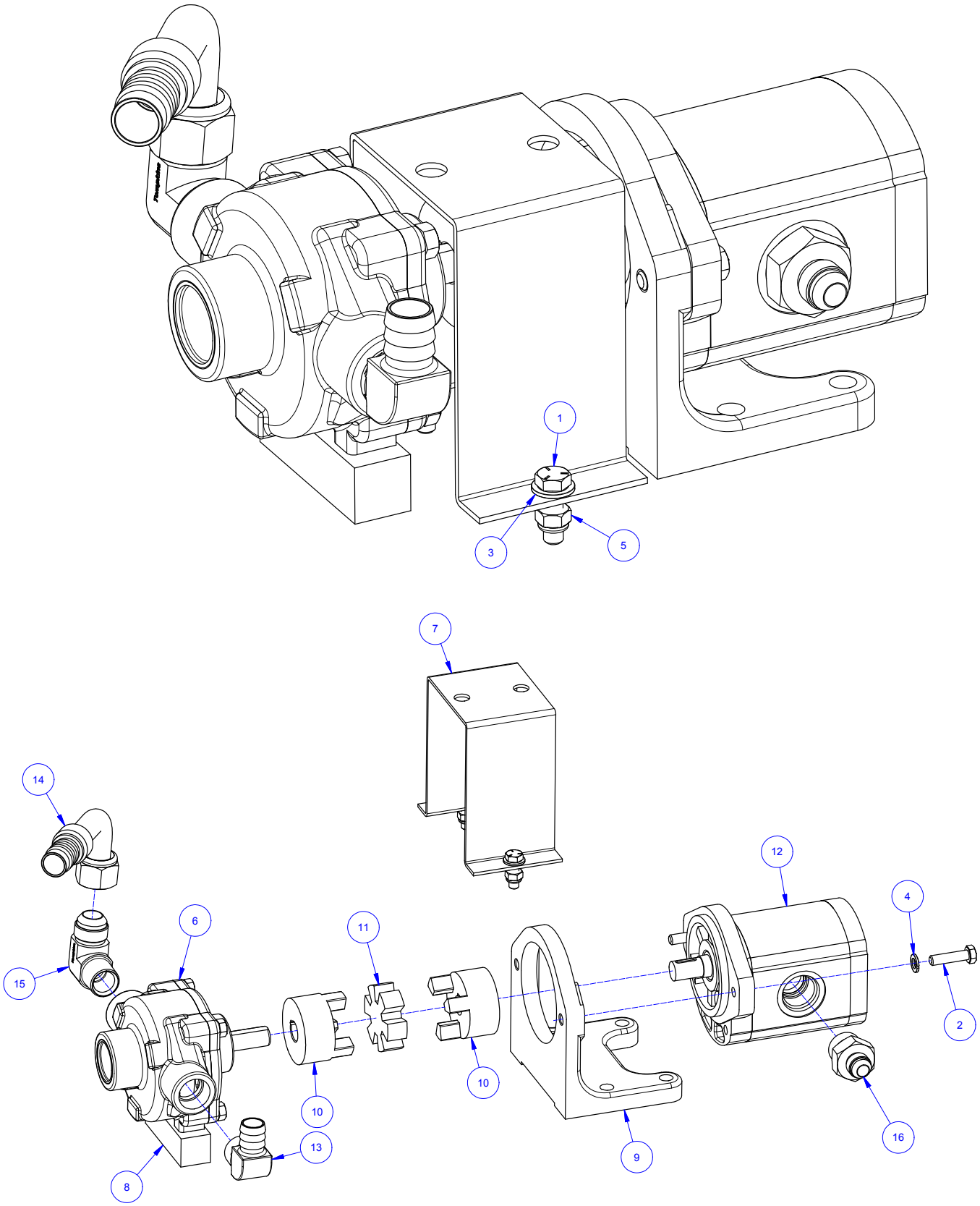


ITEM	PART NO.	DESCRIPTION	QTY
1	010068	FSTN, HHCS 1/2-13 X 1-1/4 GR 5	2
2	010075	FSTN, HHCS 1/2-13 X 3 GR 5	8
3	010085	FSTN, FW 1/2	16
4	010093	FSTN, LW 1/2	10
5	010106	FSTN, NUT HEX 1/2-13	10
6	010110	FSTN, NUT HEX 5/8-11 GR 8	88
7	029311	FSTN, HHCS 5/8-11 X 1 3/4 GR 8 YELLOW ZINC	96
8	036612	HANDLE,IDLE END	1
9	037568	SUPPORT, CROSS F/ TRTP	4
10	037569-28	FRAME, TRTP 6’ SPACER	4
11	037577	FRAME, TRTP 6’ END	4
12	037580	FRAME, TRTP 4’ SPACER	2
13	038094	HANDLE, DRIVE END TRTF	1
14	038956-28	ANGLE STIFFNER F/ TRTF	4

Framework Assembly Matrix

FRAMEWORK MATRIX			
MACHINE	**PART #**	**DESCRIPTION**	**QTY**
12'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	1
14'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	2
	037569-18	FRAME, TRTP 1' SPACER	4
16'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	2
	037580	FRAME, TRTP 4' SPACER	2
18'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	2
	037569-18	FRAME, TRTP 1' SPACER	4
20'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	2
	037569-20	FRAME, TRTP 2' SPACER	4
22'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	2
	037569-22	FRAME, TRTP 3' SPACER	4
	038956-22	BRACE, TRTP 200/150 22'	4
24'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	6
	038956-24	BRACE, TRTP 200/150 24'	4
26'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	2
	038956-26	BRACE, TRTP 200/150 26'	4
	037569-26	FRAME, TRTP 5' SPACER	4
28'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	2
	038956-28	BRACE, TRTP 200/150 28'	4
	037569-28	FRAME, TRTP 6' SPACER	4
30'	037577	FRAME, TRTP 6' END	4
	029205	BRACKET, STIFFENER TRTF	4
	037580	FRAME, TRTP 4' SPACER	6
	038956-28	BRACE, TRTP 200/150 28'	4
	037569-22	FRAME, TRTP 3' SPACER	4
	038956-24	BRACE, TRTP 200/150 24'	4

Spray Pump Assembly Illustration

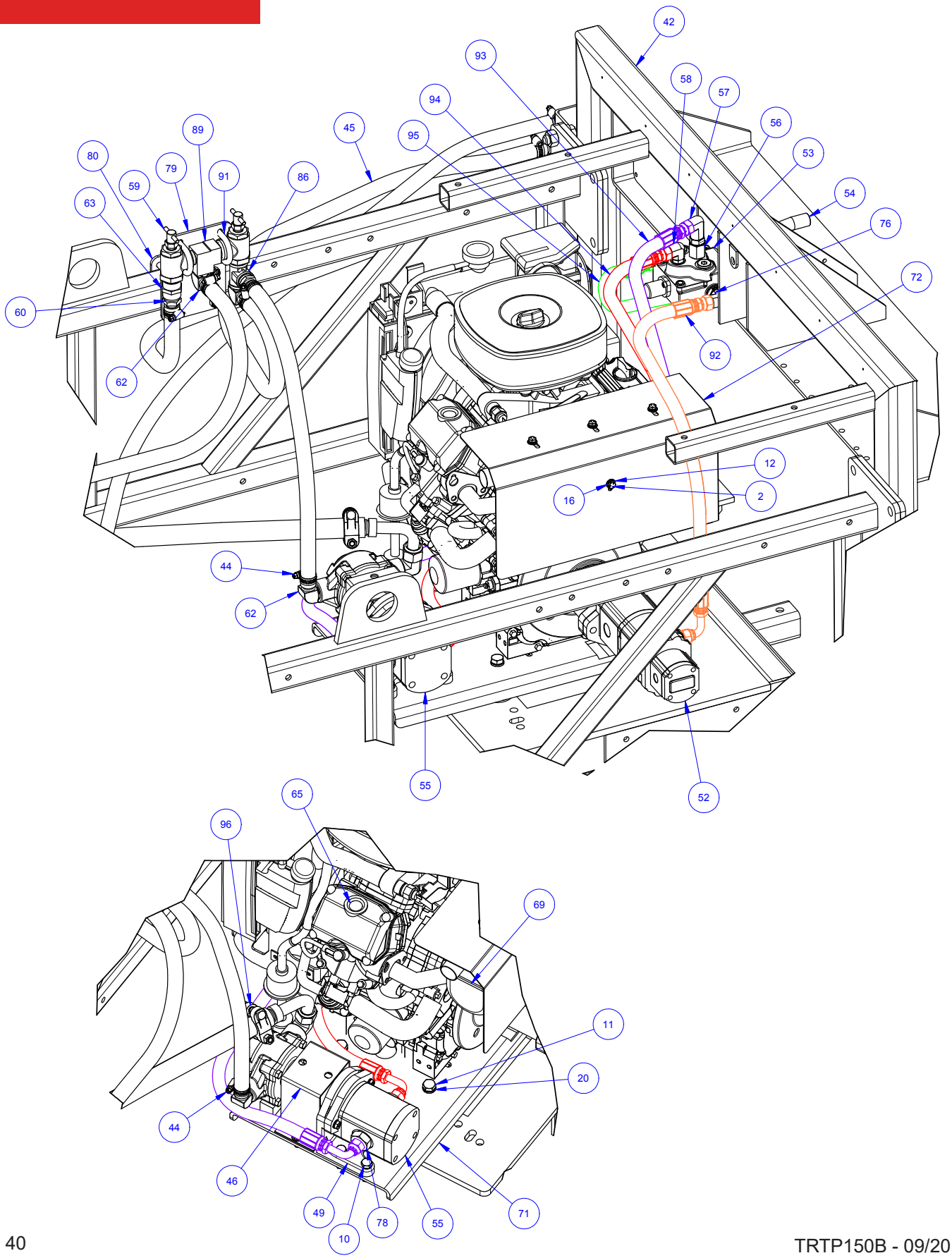


Spray Pump Assembly Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010020	FSTN, HHCS 5/16-18 X 1	2
2	010021	FSTN, HHCS 5/16-18 X 1-1/4 GR5	2
3	010082	FSTN, FW 5/16	2
4	010090	FSTN, LW 5/16	2
5	012612	FSTN, NUT HEX NYLOCK 5/16-18	2
6	029418	PUMP, 6500C-R	1
7	039788	GUARD, F/HYD. WATER PUMP TRTP	1
8	039789	SPACER, BLOCK F/WATER PUMP F/TRTP	1
9	040059	FOOT BRACKET, WATER PUMP TRTP	1
10	040060	COUPLER, JAW F/ WATER PUMP (TRTP)	2
11	040061	INSERT, JAW COUPLER WATER PUMP TRTP	1
12	040065	MOTOR, WATER PUMP (TRTP)	1
13	040110	FTG, 3/4 MPT x 3/4 90° HOSE BARB	1
14	044654	FITTING, 212-S-672	1
15	045137	FTG., F2501-12-12-O	1
16	045951	FTG, F6400-8-12-O STR	2

SECTION 4 PARTS

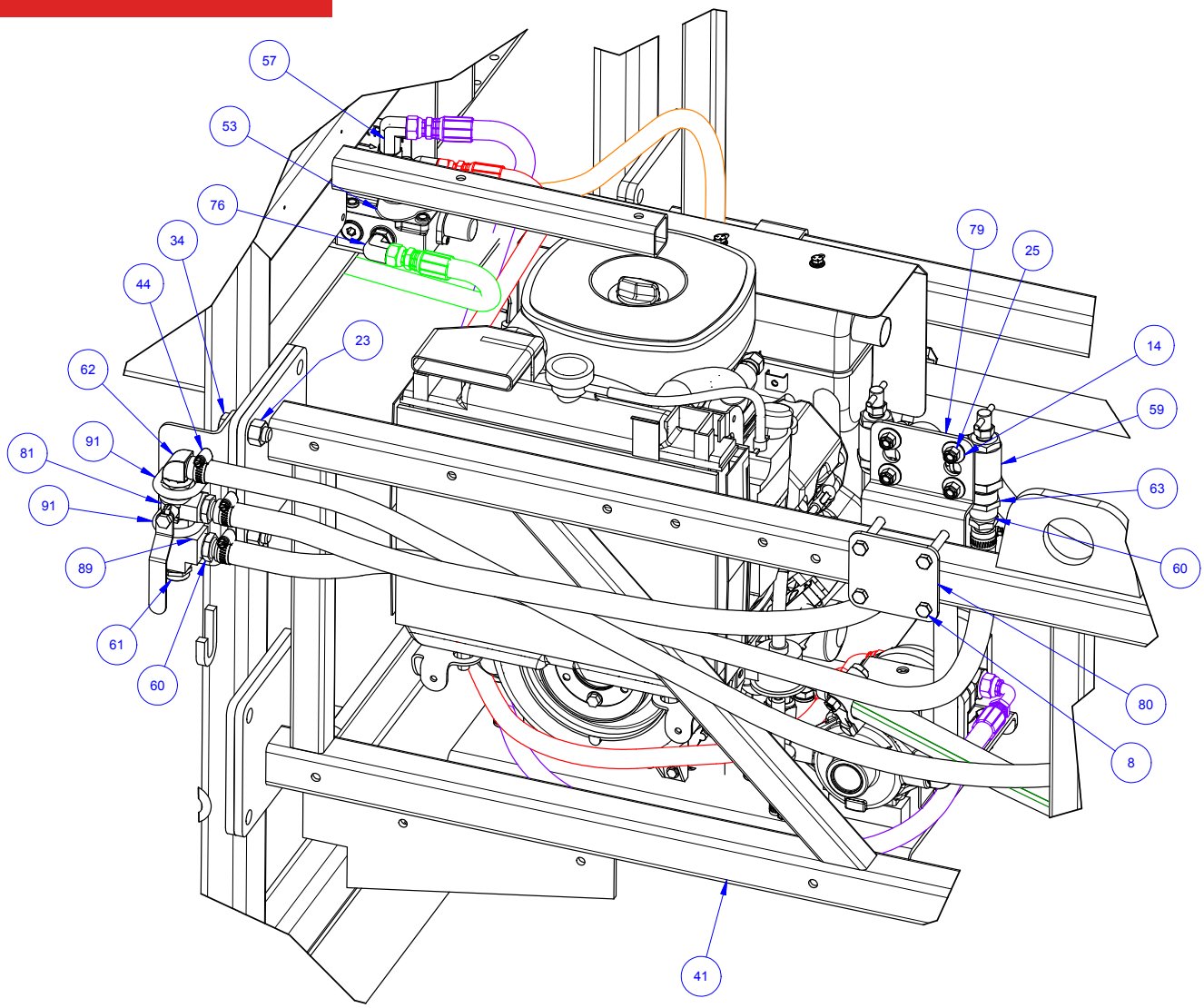
Spray System Assembly Illustration

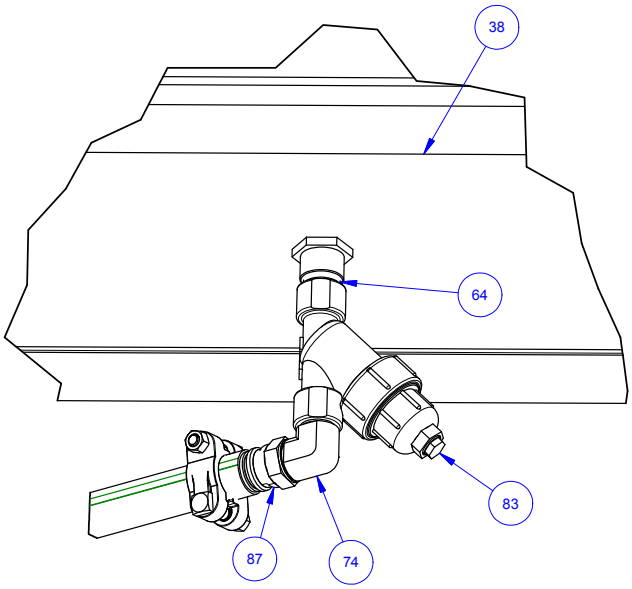


Spray System Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	000275	HOSE, 12GMV BULK	1
2	010001	FSTN, HHCS 1/4-20 X 1/2 GR 5	4
3	010007	FSTN, HHCS 1/4-20 X 2	2
4	010020	FSTN, HHCS 5/16-18 X 1	2
5	010021	FSTN, HHCS 5/16-18 X 1-1/4 GR5	2
6	010029	FSTN, HHCS 5/16-18 X 3-1/2	4
7	010037	FSTN, HHCS 3/8-16 X 1-1/4 GR 5	4
8	010044	FSTN, HHCS 3/8-16 X 3	6
9	010045	FSTN, HHCS 3/8-16 X 3-1/4	2
10	010054	FSTN, HHCS 7/16-14 X 1 1/2” LONG GR	4
11	010067	FSTN, HHCS 1/2-13 X 1	8
12	010081	FSTN, FW 1/4	4
13	010082	FSTN, FW 5/16	2
14	010083	FSTN, FW 3/8	12
15	010085	FSTN, FW 1/2	4
16	010089	FSTN, LW 1/4	4
17	010090	FSTN, LW 5/16	2
18	010091	FSTN, LW 3/8	4
19	010092	FSTN, LW 7/16	4
20	010093	FSTN, LW 1/2	5
21	010102	FSTN, NUT HEX 3/8-16	2
22	010104	FSTN, HEX NUT 7/16-14	4
23	010110	FSTN, NUT HEX 5/8-11 GR 8	2
24	010071	FSTN, HHCS 1/2-13 X 2	2
25	010464	FSTN, NUT NYLOK 3/8-16	10
26	012612	FSTN, NUT HEX NYLOCK 5/16-18	6
27	012725	RUBBER ISOLATOR, 2” WITH 1/2-13 UNC	4
28	019430	FSTN, CLAMP SIZE 4 MINI	2
29	020542	FSTN, NUT STOVER LOCK 1/4-20	2
30	027883	BUSHING, RUBBER SPLIT	2
31	027884	CLAMP, LOPRO ENGINE MOUNT	4
32	027885	SPACER, CLAMP LOPRO ENG MT	4
33	029139	STRAP, BARREL BRACKET TRTF	2
34	029311	FSTN, HHCS 5/8-11 X 1 3/4 GR 8 YELLOW ZINC	2
35	029317	TANK, WATER 55 GAL W/ HOLE IN CAP	1
36	029418	PUMP, 6500C-R	1
37	066508	DECAL, WATERPUMP ON/OFF TRTP	1
38	036605	BRKT,BARREL F/8” TRTF (MOD.200	1

Spray System Assembly (cont'd) Illustration

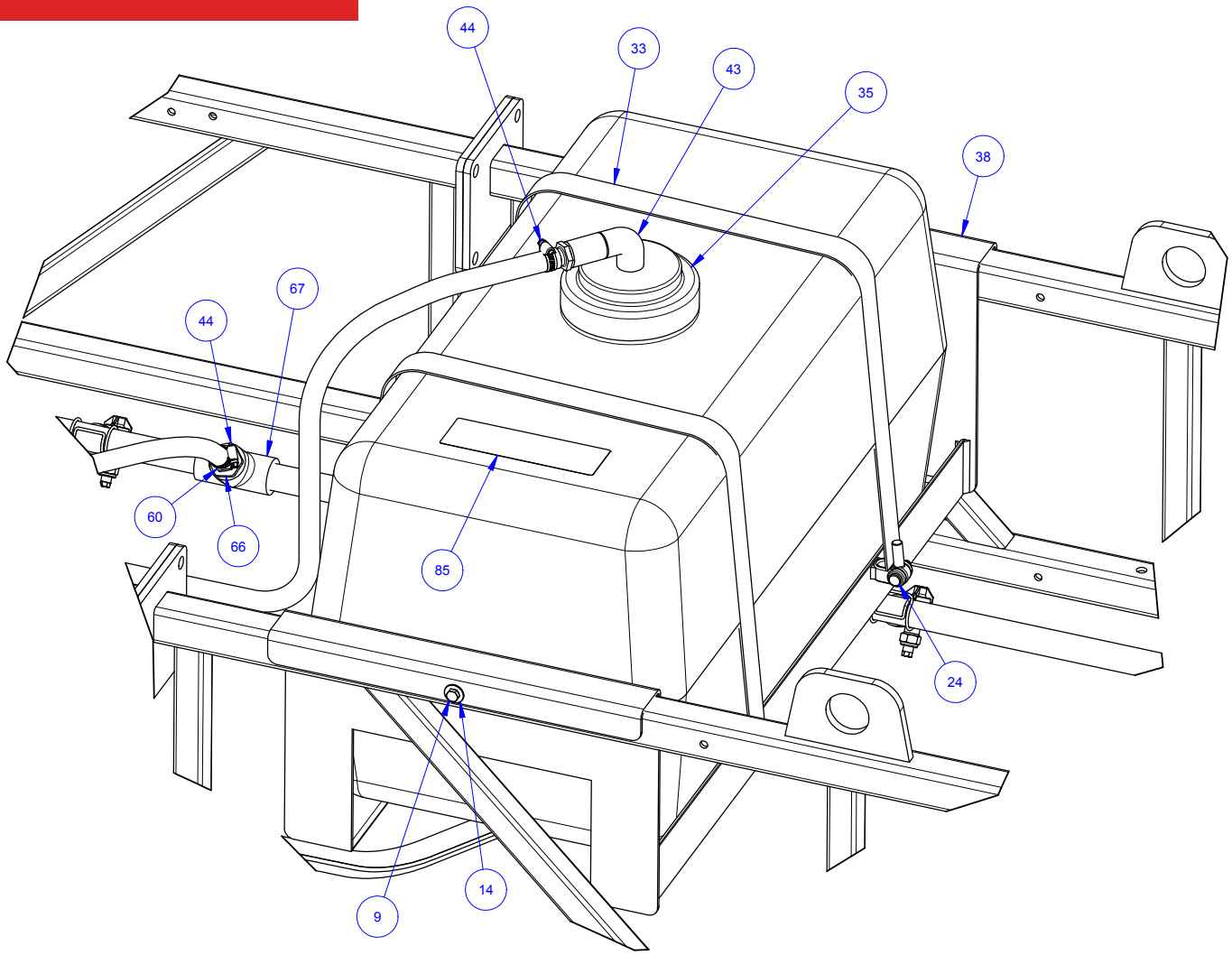


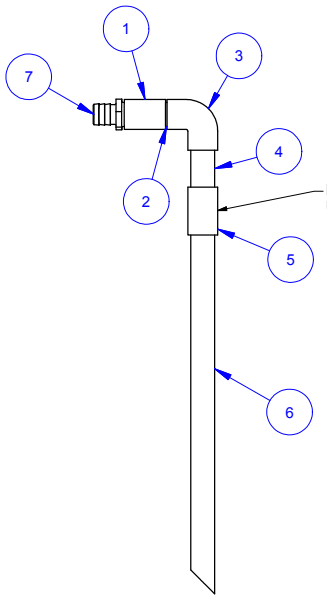


Spray System Assembly (cont'd)
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
39	036612	HANDLE,IDLE END F/8" TRTF (200)	1
40	037230	BRACKET, TRTP LONG BALL VALVE	1
41	037577	FRAME, TRTP 6' END	4
42	038094	HANDLE, DRIVE END TRTF	1
43	038233	ASSEMBLY, RETURN TUBE F/ TRTP	1
44	038664	#10 HOSE CLAMP	10
45	038972	HOSE, 3/4 RUBBER BLACK	40'
46	039788	GUARD, F/HYD. WATER PUMP TRTP	1
47	039789	SPACER, BLOCK F/WATER PUMP F/TRTP	1
48	039792	VALVE, PLATE F/TRTP SPRAY SYSTEM	1
49	040059	FOOT BRACKET, WATER PUMP TRTP	1
50	040060	COUPLER, JAW F/ WATER PUMP (TRTP)	2
51	040061	INSERT, JAW COUPLER WATER PUMP TRTP	1
52	040062	PUMP, TRIPLE F/ 10" TRTP	1
53	040063	VALVE, SPRAY SYSTEM (TRTP)	1
54	040064	HANDLE, WATER SPRAY VALVE (TRTP)	1
55	040065	MOTOR, WATER PUMP (TRTP)	1
56	040085	FTG, O-RING ADAPTOR (6-8)	1
57	040105	FTG, MJIC X MSAE ADJ LONG (8 90°)	1
58	040106	FTG, MJIC X MSAE ADJ (8-6 90°)	1
59	040107	RELIEF VALVE, TRTP SPRAY SYSTEM	2
60	038971	FTG, 3/4NPT X 3/4 HOSE BARB (M9910)	5
61	040109	FTG, 3/4 MPT x 3/4 GARDEN	1
62	040110	FTG, 3/4 MPT x 3/4 90° HOSE BARB	4
63	040115	FTG, 3/4 COUPLER	1
64	040116	FTG, 3/4 CLOSE NIPPLE	2
65	065825	ENGINE, KOHLER ECH980, 38 HP	1
66	041598	BUSHING 1 x 3/4 SCH 80 PVC THREADED	1
67	041599	TEE 1" SCH 80 PVC	1
68	041611	ASSY, SPRAY BAR (6' END)	2
69	065875	MUFFLER, LH FOR ECH980	1
70	044654	FITTING, 212-S-672	1
71	057684	PLATE, 150B TRTP ENGINE MOUNT	1
72	069298	MUFFLER GUARD	1
73	045135	MANIFOLD, SPECIAL F/ TRTP	1
74	045137	FTG., F2501-12-12-O	2

Spray System Assembly (cont'd) Illustration





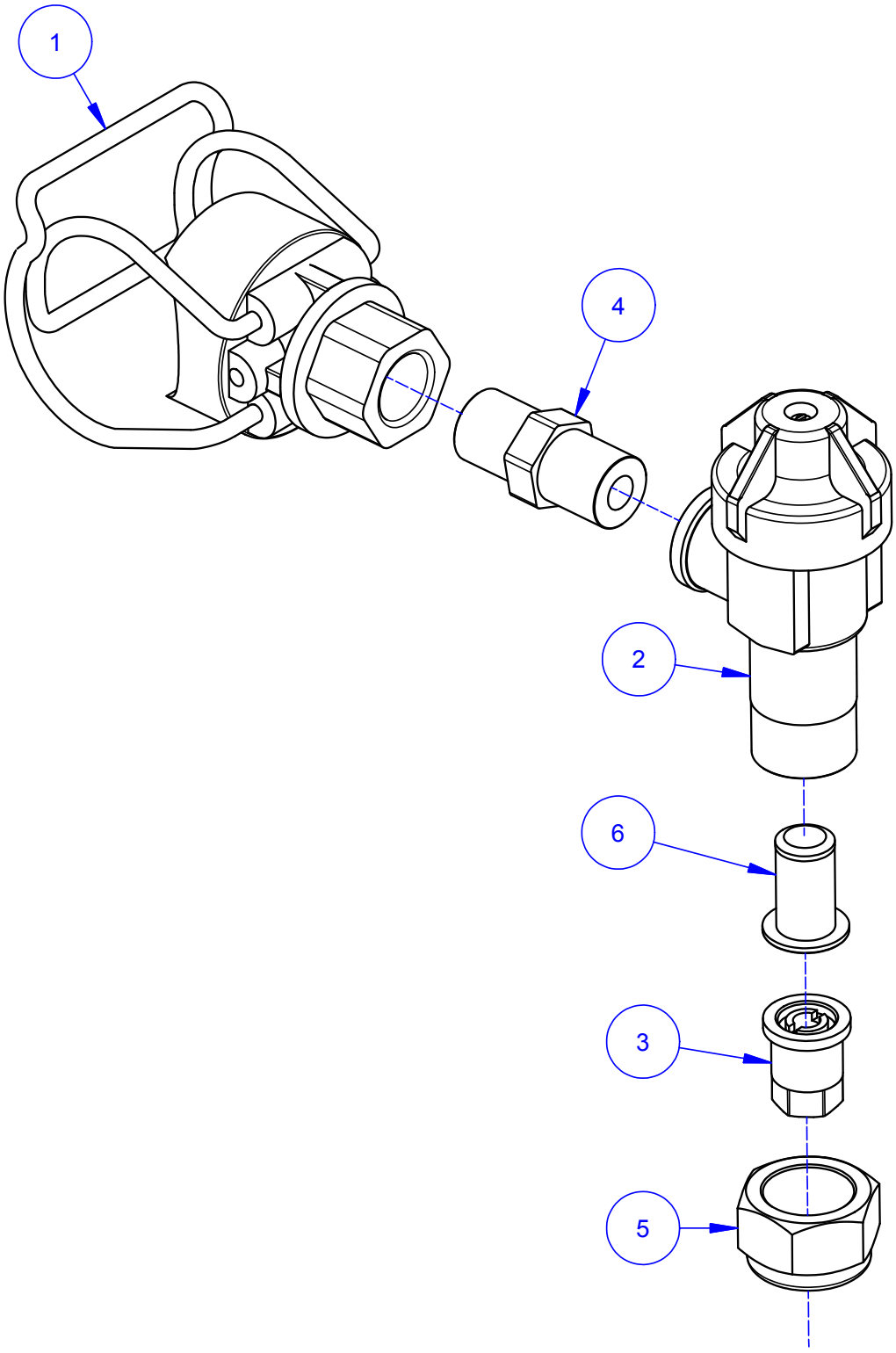
NOTE: ITEM 5 (COUPLER 038230)IS NOT GLUED TO ITEM 4 (038229 3 5/8" LONG PIPE)
UNILL THE TANK CAP IS SLIPED ON TO ITEM 4 (038229 3 5/8" LONG PIPE)

ITEM #43 - 038233 - RETURN TUBE ASSEMBLY PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
1	038226	FTG, 3/4 PVC TO 3/4 NPT PVC COUPLER	1
2	038227	PIPE, PVC 3/4 x 2" LONG	1
3	038228	FTG, PVC ELBOW 3/4 TO 3/4 PVC	1
4	038229	PIPE, PVC 3/4 x 3 5/8" LONG	1
5	038230	FTG, COUPLER PVC 3/4"	1
6	038231	PIPE, PVC 3/4 x 16 3/4 LONG SUCTION	1
7	038971	FITTING, 3/4 NPT X 3/4 HOLES BARB (OPEN) 9910 (CLOSED)	1

Spray System Assembly (cont'd)
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
75	045140	FTG., 6409-6-O	1
76	045920	FTG, F6801-8-8-NWO 90° ELB	2
77	045921	FTG, F6400-8-8-O STR JIC-SAE	1
78	045951	FTG, F6400-8-12-O STR	2
79	046373	BRACKET, WATER VALVE MNT PLATE	1
80	046374	BRACKET, CLAMP PLATE WATER VALVE	1
81	047412	3/4 NPT Ball Valve	1
82	047474	PLUG, SAE-4 O-RING	1
83	048382	Y-STRAINER, POLY 3/4 NPT F/ TRTP	1
84	051199	BRACKET, SPRAY BAR MOUNT (TRTP)	2
85	-	-	1
86	057914	FTG. 100F 3/4 FGD TEE-3 ENDS FEM PIP	1
87	057921	FTG, 3/4" FITTING	1
88	057926	FTG, STRAIGHT THREAD CONNECTOR	1
89	057930	3/4 ML RUN TEE (FEM X ML X FEM PIPE)	2
90	057986	PUMP ADAPTER, 150B	1
91	116008	U-BOLT CLAMP	4
92	040097	HOSE ASSEMBLY, 10" TRTP (#37)	1
93	040099	HOSE ASSEMBLY, 10" TRTP (#39)	1
94	040100	HOSE ASSEMBLY, 10" TRTP (#40)	1
95	040101	HOSE ASSEMBLY, 10" TRTP (#41)	1
96	J49 Clamp		2

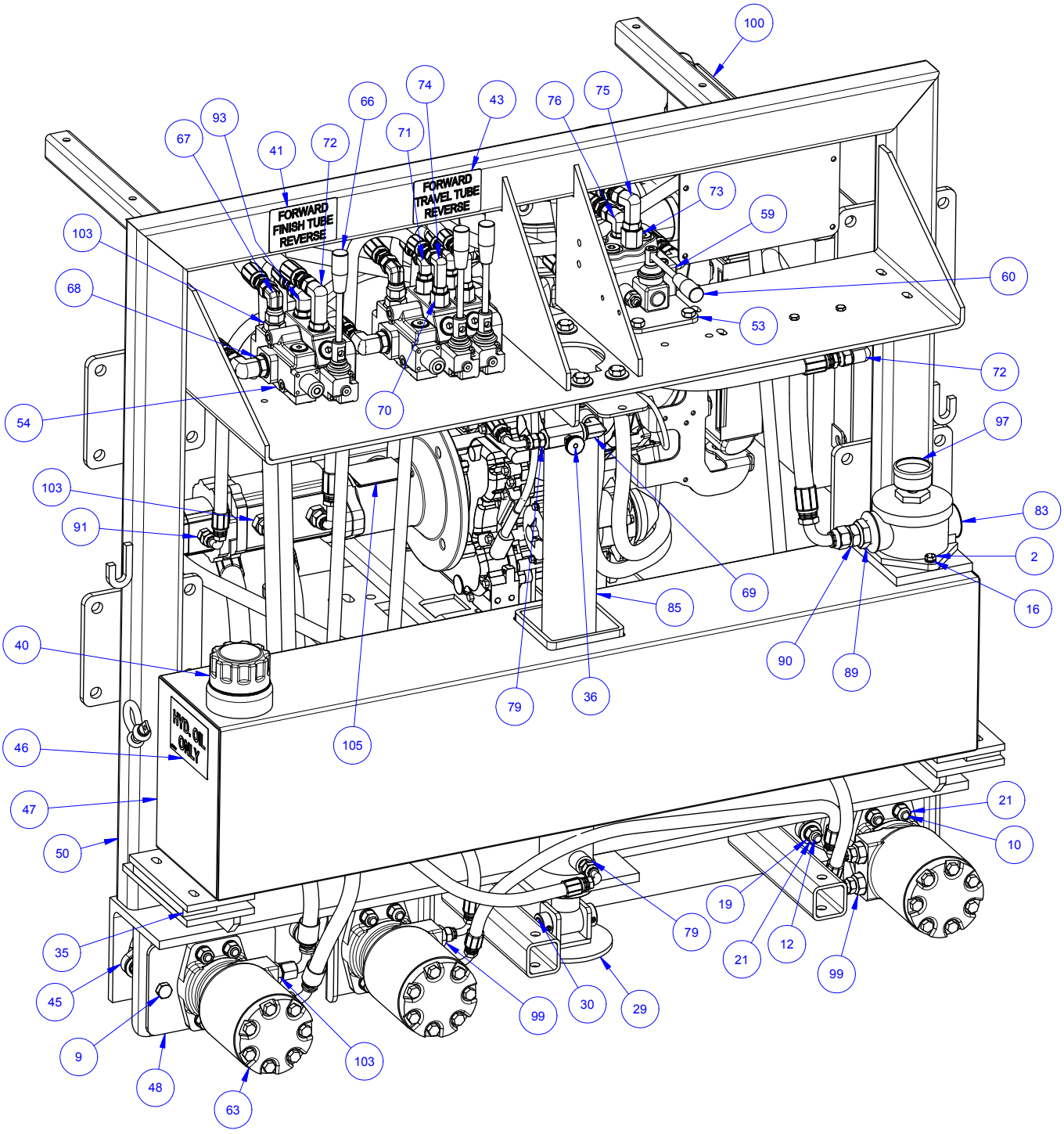
Spray Nozzle Assembly Illustration



Spray Nozzle Assembly Parts List

ITEM	PART NO.	DESCRIPTION	QTY
-	044914	ASSY, TRTP PLASTIC SPRAY NOZZLE	-
1	041603	ADAPTOR, 1/4 CLAMP-ON	1
2	041604	VALVE, CHECK BODY	1
3	041605	SPRAY TIP F/TRTP (PLASTIC)	1
4	041606	PLASTIC 1/4 NPT CLOSE NIPPLE	1
5	041624	RETAINER, NYLON SPRAY TIP	1
6	047579	STRAINER, POLY 100 MESH	1

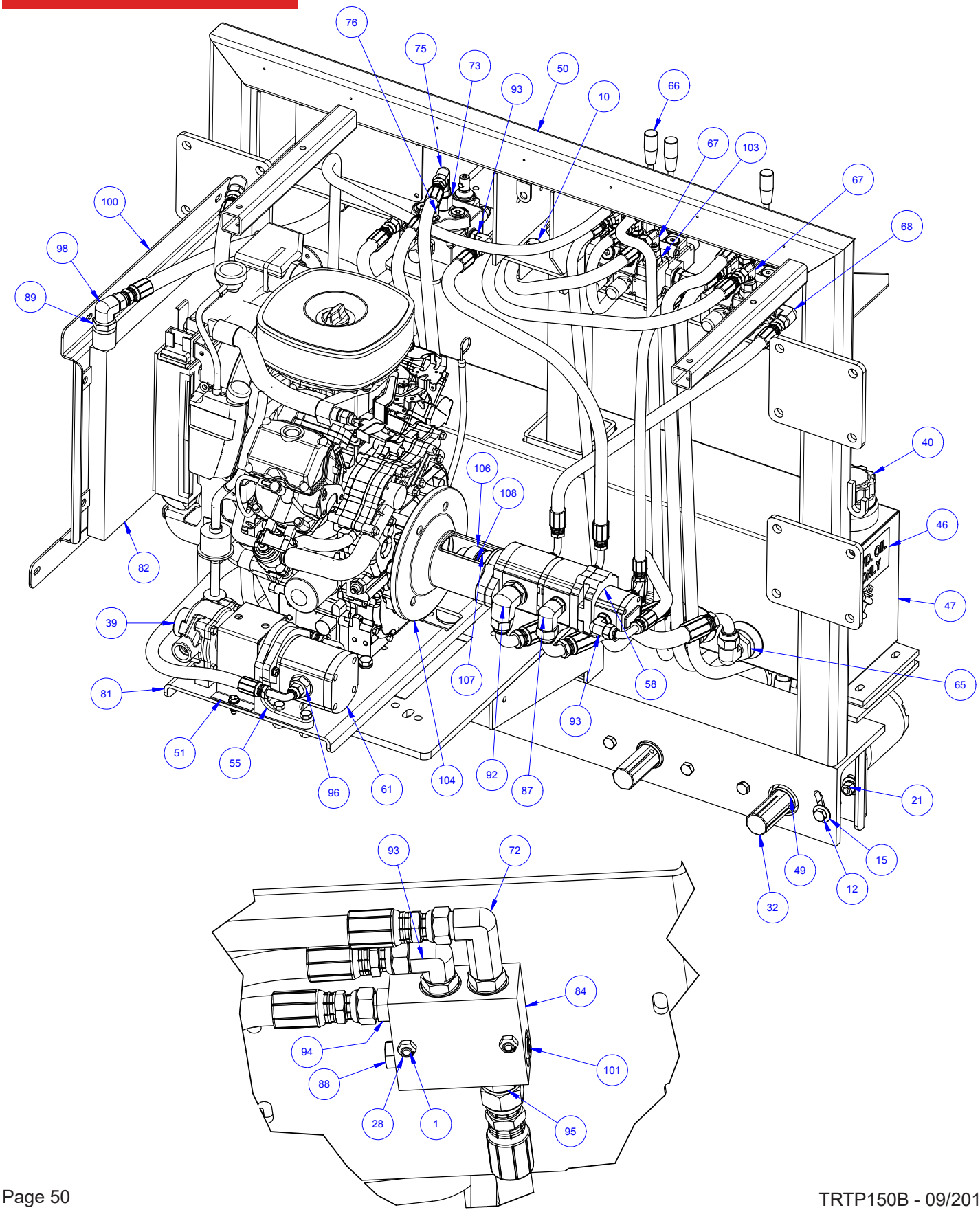
Hydraulics Assembly Illustration



Hydraulics Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010007	FSTN, HHCS 1/4-20 X 2	2
2	010019	FSTN, HHCS 5/16-18 X 3/4 GR 5	2
3	010020	FSTN, HHCS 5/16-18 X 1	2
4	010021	FSTN, HHCS 5/16-18 X 1-1/4 GR5	2
5	010037	FSTN, HHCS 3/8-16 X 1-1/4 GR 5	4
6	010053	FSTN, HHCS 7/16-14 X 1-1/4	2
7	010054	FSTN, HHCS 7/16-14 X 1 1/2" LONG GR	4
8	010067	FSTN, HHCS 1/2-13 X 1	8
9	010068	FSTN, HHCS 1/2-13 X 1-1/4 GR 5	2
10	010069	FSTN, HHCS 1/2-13 X 1-1/2	12
11	010070	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	4
12	010071	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	6
13	010082	FSTN, FW 5/16	2
14	010083	FSTN, FW 3/8	4
15	010085	FSTN, FW 1/2	20
16	010090	FSTN, LW 5/16	4
17	010091	FSTN, LW 3/8	4
18	010092	FSTN, LW 7/16	4
19	010093	FSTN, LW 1/2	28
20	010104	FSTN, HEX NUT 7/16-14	6
21	010106	FSTN, NUT HEX 1/2-13	20
22	010110	FSTN, NUT HEX 5/8-11 GR 8	1
23	010498	PLUG, 3/8 NPT BI SQ HD PIPE	1
24	011238	FSTN, NUT HEX NYLOK 1/2-13	4
25	012612	FSTN, NUT HEX NYLOCK 5/16-18	2
26	012725	RUBBER ISOLATOR, 2" WITH 1/2-13 UNC	4
27	019430	FSTN, CLAMP SIZE 4 MINI	2
28	020542	FSTN, NUT STOVER LOCK 1/4-20	2
29	028287	PAD, FOOT F/CYLINDER TRTF	1
30	028291-1	PIN, SHORT F/ CYLINDER TRTF	1
31	028291-2	PIN, LONG F/ CYLINDER TRTF	1
32	028292	SHAFT, HEX TRIPLE RTF	3
33	028322	MOUNT, CYLINDER TRTF	1
34	029032	DIN 127 - M8	6
35	029098	BUSHING, F/HYD TANK TRTF	2
36	029232	VALVE, CHECK PNEUTROL 3/8 TRTF	1
37	029311	FSTN, HHCS 5/8-11 X 1 3/4 GR 8 YELLOW ZINC	1
38	029407	PLATE, LATCH (TRTF)	1
39	029418	PUMP, 6500C-R	1
40	032268	UNIT, CHROME LOCKABLE GAS-HYDRA TANK CAP	1
41	066485	DECAL, FINISH TUBE TRTP	1
42	066508	DECAL, WATERPUMP ON/OFF TRTP	1
43	066485	DECAL, TRAVEL TUBE TRTP	1
44	032863	FSTN, HHCS M8 x 1.25 x 20MM	6
45	033769	BEARING, SCJT 1 3/4 TWO BLT FL	3
46	066509	DECAL, HYDR OIL ONLY	1
47	036614	TANK,HYD. 14 GAL. F/8" TRTF	1
48	036646	PLATE,PIVOT F/HYD. MOTOR-8"TRT	1
49	037560	O-RING, HEX COUPLER ASSY (318)	3
50	038094	HANDLE, DRIVE END TRTF	1
51	039788	GUARD, F/HYD. WATER PUMP TRTP	1
52	039789	SPACER, BLOCK F/WATER PUMP F/TRTP	1
53	039792	VALVE, PLATE F/TRTP SPRAY SYSTEM	1
54	040058	VALVE, STACK (FINISH TUBE CONTROL) TRTP	1
55	040059	FOOT BRACKET, WATER PUMP TRTP	1
56	040060	COUPLER, JAW F/ WATER PUMP (TRTP)	2
57	040061	INSERT, JAW COUPLER WATER PUMP TRTP	1
58	040062	PUMP, TRIPLE F/ 10" TRTP	1
59	040063	VALVE, SPRAY SYSTEM (TRTP)	1
60	040064	HANDLE, WATER SPRAY VALVE (TRTP)	1
61	040065	MOTOR, WATER PUMP (TRTP)	1
62	040066	VALVE, STACK (TRAVEL CONTROL) TRTP	1
63	040068	MOTOR, HYDRAULIC	3
64	040072	STRAINER, SMALL HYD. TMF-05-5 TANK (TRTP)	1
65	040073	STRAINER, LARGE HYD. TANK (TRTP)	2
66	040074	HANDLE, F/ VALVE - TRTP	3

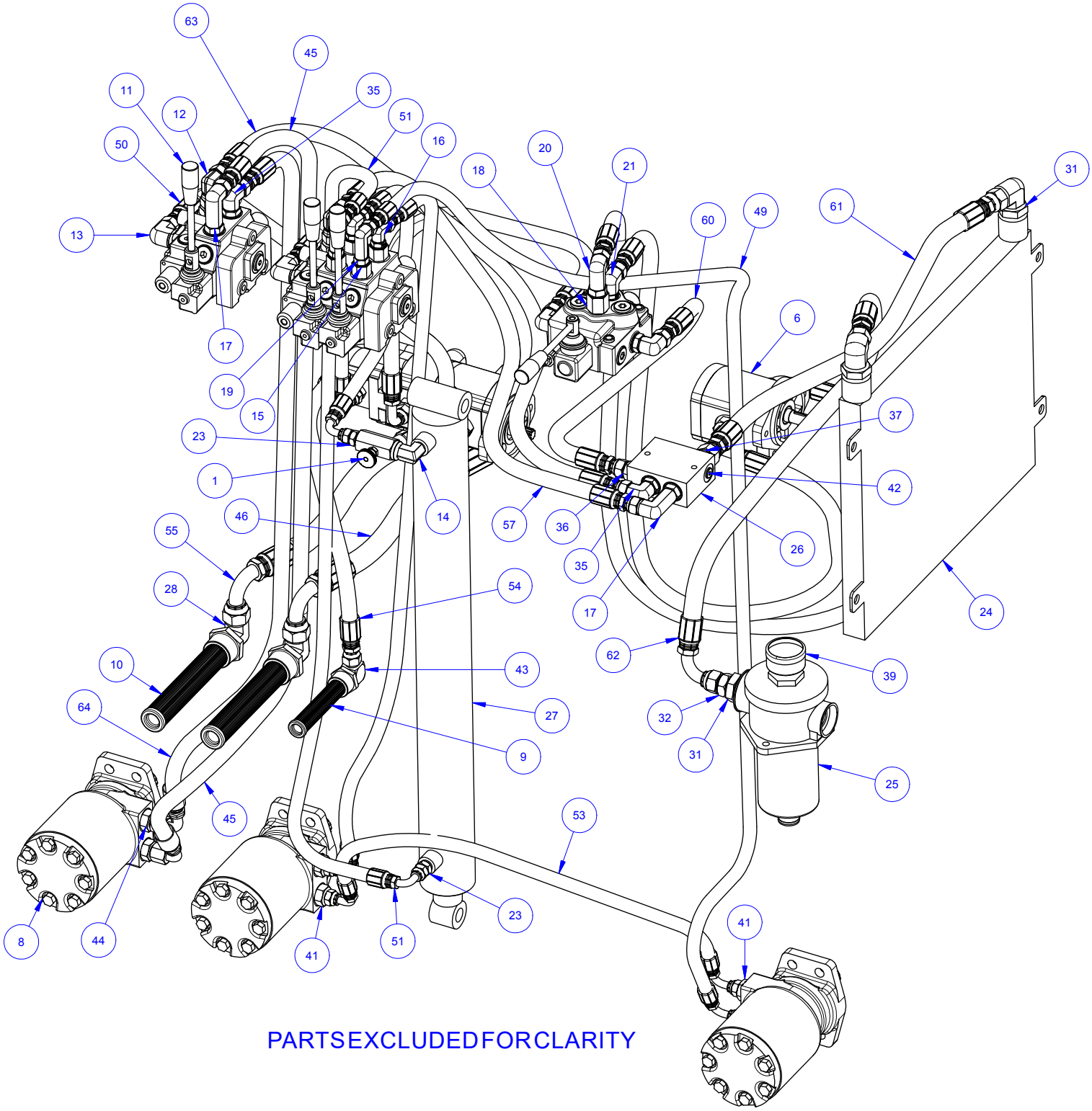
Hydraulics Assembly (cont'd)
Illustration



Hydraulics Assembly (cont'd)
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
67	040075	FTG, MJIC X FJIC SWIVEL (8-8 90°)	2
68	040076	FTG, MJIC X MSAE ADJ (8-10 90°)	1
69	040078	FTG, PIPE ELBOW (6-6 90°)	1
70	040079	FTG, O-RING ADAPTOR (8-6)	4
71	040080	FTG, MJIC X MSAE ADJ (6-6 90°)	2
72	040083	FTG, MJIC X MSAE X-LONG (8 90°)	2
73	040085	FTG, O-RING ADAPTOR (6-8)	1
74	040104	FTG, MJIC X MSAE ADJ X-LONG (6 90°)	2
75	040105	FTG, MJIC X MSAE ADJ LONG (8 90°)	1
76	040106	FTG, MJIC X MSAE ADJ (8-6 90°)	1
77	065825	ENGINE, KOHLER ECH980 38 HP	1
78	042816	FITTING, #6JICMX#10SAE-OR-M 90 FLARE	1
79	042821	FITTING, #JICMX3/8MPT STGT. FLARE-O	2
80	042844	GAUGE, SNA HYDR LEVEL	1
81	057684	PLATE, 150B TRTP ENGINE MOUNT	1
82	045133	COOLER, HYDRAULIC F/ TRTP	1
83	045134	FILTER, RETURN LINE	1
-	042578	FILTER ELEMENT RTE25D10B/S2 (REPLACEMENT)	AS REQ.
84	045135	MANIFOLD, SPECIAL F/ TRTP	1
85	045136	CYLINDER, STEERING F/ TRTP	1
86	045137	FTG., F2501-12-12-O	1
87	045139	FTG., F6801-12-10 NWO	1
88	045140	FTG., 6409-6-O	1
89	045141	FTG., 5406-16-12	3
90	045142	FTG., F2404-10-12-0	1
91	045915	FTG, F6400-6-6-O STR JIC-SAE	1
92	045919	FTG, F6801-12-16-NWO 90° ELB	1
93	045920	FTG, F6801-8-8-NWO 90° ELB	5
94	045921	FTG, F6400-8-8-O STR JIC-SAE	1
95	045940	FTG, F6400-10-10-O STR	1
96	045951	FTG, F6400-8-12-O STR	2
97	046241	GAUGE, RETURN FILTER	1
98	046352	F2501-10-12-0 FLARE-O FITTING	3
99	046367	F6400-06-10-0 FLARE-O FITTING	4
100	046393	BRACKET, HYDRAULIC OIL COOLER MNT	1
101	047474	PLUG, SAE-4 O-RING	1
102	049058	FTG, F2501-8-8-O ELB JIC-NPTF	1
103	057926	FTG, STRAIGHT THREAD CONNECTOR	6
104	057986	PUMP ADAPTER, 150B	1
105	057987	ACCESS COVER, SRT PU	1
106	057988	HUB, 1-1/8 X 1/4	1
107	057989	HUB, 9T16/32 STL BUSHING W/ CLAMP	1
108	057990	SPIDER, JAW COUPLER HYTREL 270-55D	1
109	040086	HOSE ASSEMBLY, 10" TRTP (#26)	1
110	040087	HOSE ASSEMBLY, 10" TRTP (#27)	1
111	040088	HOSE ASSEMBLY, 10" TRTP (#28)	1
112	040089	HOSE ASSEMBLY, 10" TRTP (#29)	1
113	040090	HOSE ASSEMBLY, 10" TRTP (#30)	1
114	040091	HOSE ASSEMBLY, 10" TRTP (#31)	1
115	040092	HOSE ASSEMBLY, 10" TRTP (#32)	1
116	040093	HOSE ASSEMBLY, 10" TRTP (#33)	1
117	040094	HOSE ASSEMBLY, 10" TRTP (#34)	1
118	040095	HOSE ASSEMBLY, 10" TRTP (#35)	1
119	040096	HOSE ASSEMBLY, 10" TRTP (#36)	1
120	040097	HOSE ASSEMBLY, 10" TRTP (#37)	1
121	040098	HOSE ASSEMBLY, 10" TRTP (#38)	1
122	040099	HOSE ASSEMBLY, 10" TRTP (#39)	1
123	040100	HOSE ASSEMBLY, 10" TRTP (#40)	1
124	040101	HOSE ASSEMBLY, 10" TRTP (#41)	1
125	047093	HOSE ASSEMBLY, 10" TRTP (#42)	1
126	047094	HOSE ASSEMBLY, 10" TRTP (#43)	1
127	040102	HOSE ASSEMBLY, 10" TRTP (#55)	1
128	040103	HOSE ASSEMBLY, 10" TRTP (#56)	1

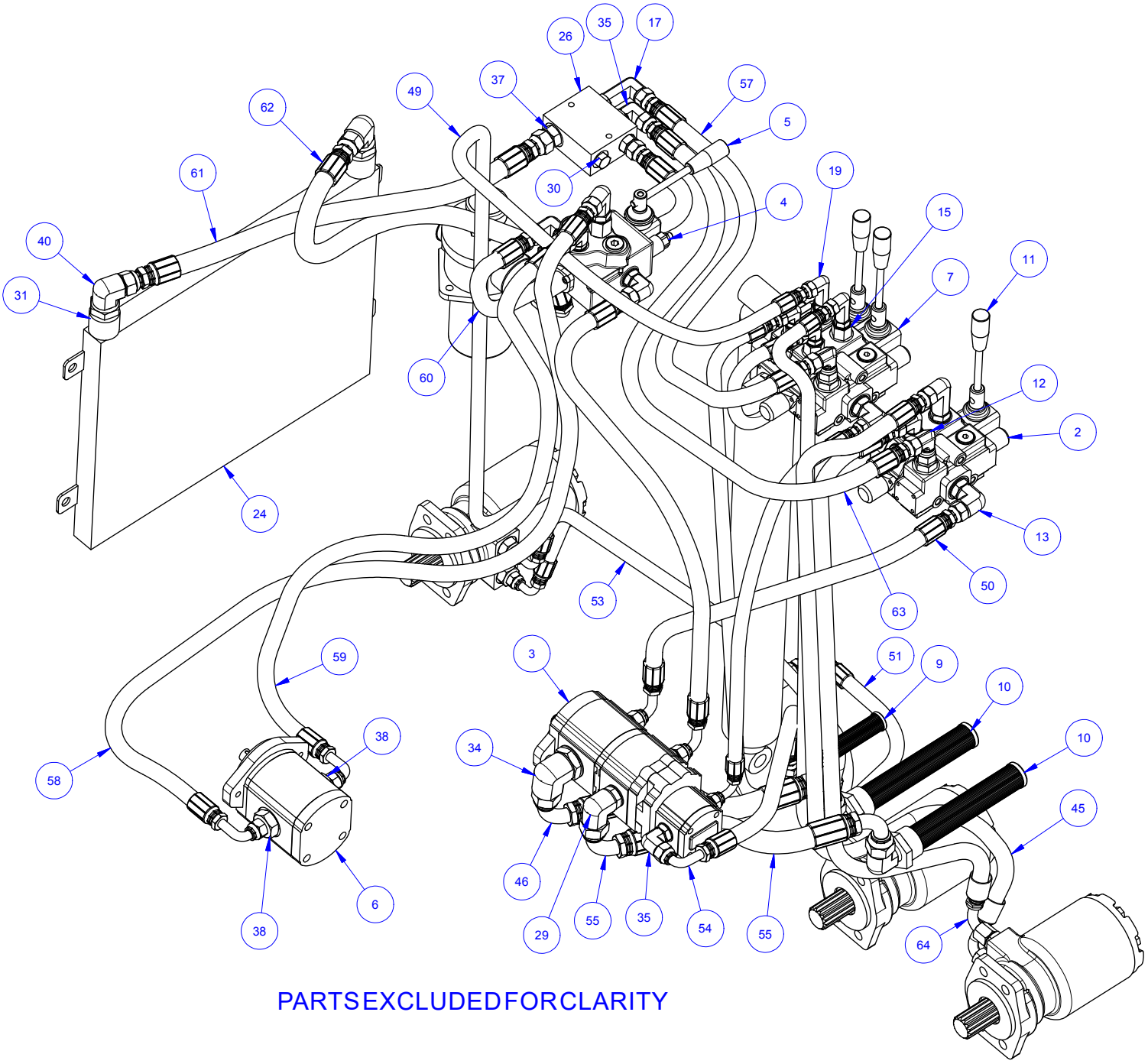
Hydraulics Assembly (cont'd)
Illustration



Hydraulics Assembly (cont'd)
Parts List

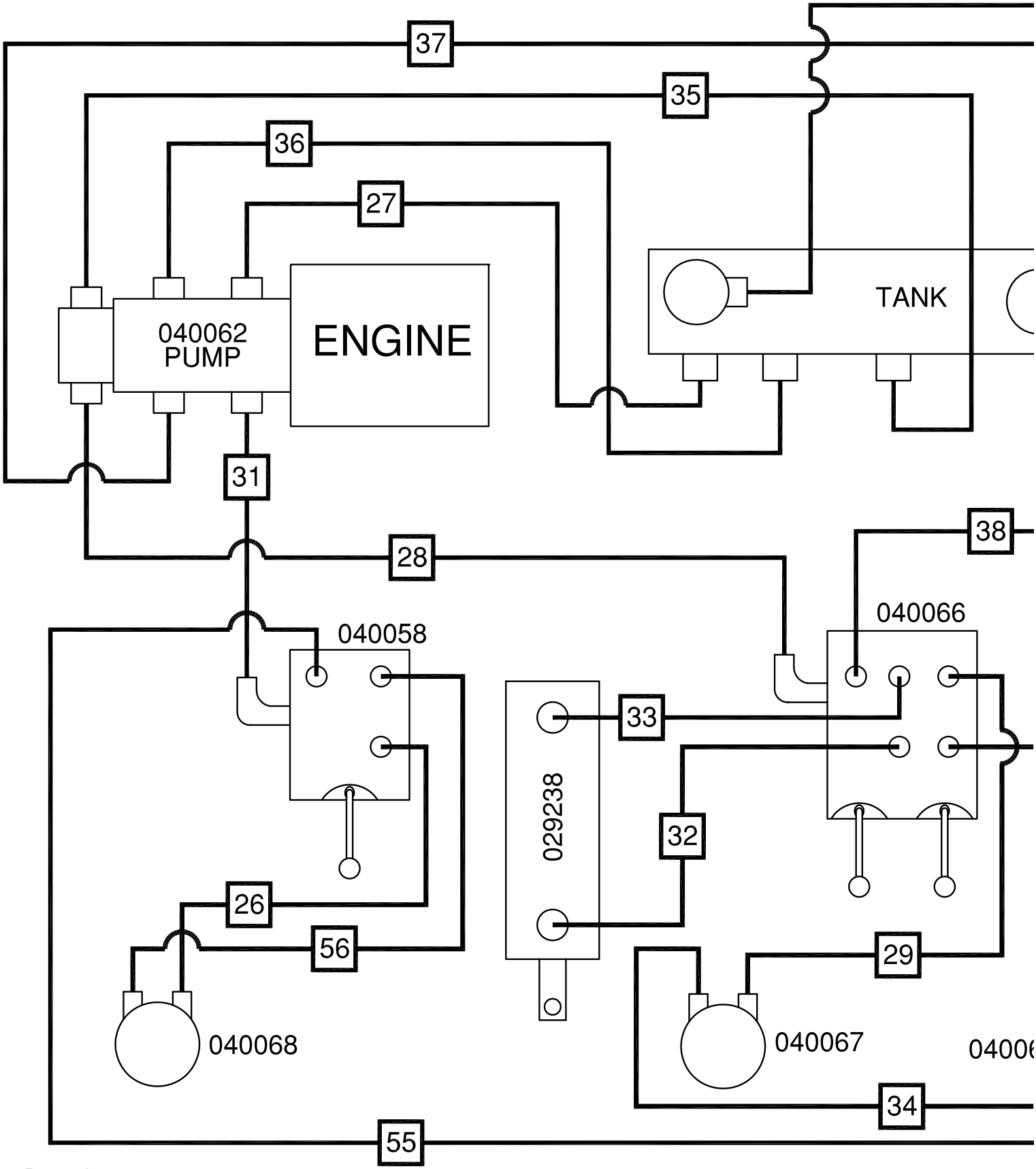
ITEM	PART NO.	DESCRIPTION	QTY
1	029232	VALVE, CHECK PNEUTROL 3/8 TRTF	1
2	040058	VALVE, STACK (FINISH TUBE CONTROL) TRTP	1
3	040062	PUMP, TRIPLE F/ 10" TRTP	1
4	040063	VALVE, SPRAY SYSTEM (TRTP)	1
5	040064	HANDLE, WATER SPRAY VALVE (TRTP)	1
6	040065	MOTOR, HYDRAULIC	1
7	040066	VALVE, STACK (TRAVEL CONTROL) TRTP	1
8	040068	MOTOR, FINISH 10" TRTP (STRIKE OFF)	3
9	040072	STRAINER, SMALL HYD. TMF-05-5 TANK (TRTP)	1
10	040073	STRAINER, LARGE HYD. TANK (TRTP)	2
11	040074	HANDLE, F/ VALVE - TRTP	3
12	040075	FTG, MJIC X FJIC SWIVEL (8-8 90°)	2
13	040076	FTG, MJIC X MSAE ADJ (8-10 90°)	1
14	040078	FTG, PIPE ELBOW (6-6 90°)	1
15	040079	FTG, O-RING ADAPTOR (8-6)	4
16	040080	FTG, MJIC X MSAE ADJ (6-6 90°)	2
17	040083	FTG, MJIC X MSAE X-LONG (8 90°)	2
18	040085	FTG, O-RING ADAPTOR (6-8)	1
19	040104	FTG, MJIC X MSAE ADJ X-LONG (6 90°)	2
20	040105	FTG, MJIC X MSAE ADJ LONG (8 90°)	1
21	040106	FTG, MJIC X MSAE ADJ (8-6 90°)	1
22	042816	FITTING, #6JICMX#10SAE-OR-M 90 FLARE	1
23	042821	FITTING, #JICMX3/8MPT STGT. FLARE-O	2
24	045133	COOLER, HYDRAULIC F/ TRTP	1
25	045134	FILTER, RETURN LINE	1
26	045135	MANIFOLD, SPECIAL F/ TRTP	1
27	045136	CYLINDER, STEERING F/ TRTP	1
28	045137	FTG., F2501-12-12-O	1
29	045139	FTG., F6801-12-10 NWO	1
30	045140	FTG., 6409-6-O	1
31	045141	FTG., 5406-16-12	3
32	045142	FTG., F2404-10-12-0	1
33	045915	FTG, F6400-6-6-O STR JIC-SAE	1
34	045919	FTG, F6801-12-16-NWO 90° ELB	1
35	045920	FTG, F6801-8-8-NWO 90° ELB	5
36	045921	FTG, F6400-8-8-O STR JIC-SAE	1
37	045940	FTG, F6400-10-10-O STR	1
38	045951	FTG, F6400-8-12-O STR	2
39	046241	GAUGE, RETURN FILTER	1
40	046352	F2501-10-12-0 FLARE-O FITTING	3
41	046367	F6400-06-10-0 FLARE-O FITTING	4
42	047474	PLUG, SAE-4 O-RING	1
43	049058	FTG, F2501-8-8-O ELB JIC-NPTF	1
44	057926	FTG, STRAIGHT THREAD CONNECTOR	6

Hydraulics Assembly (cont'd) Illustration

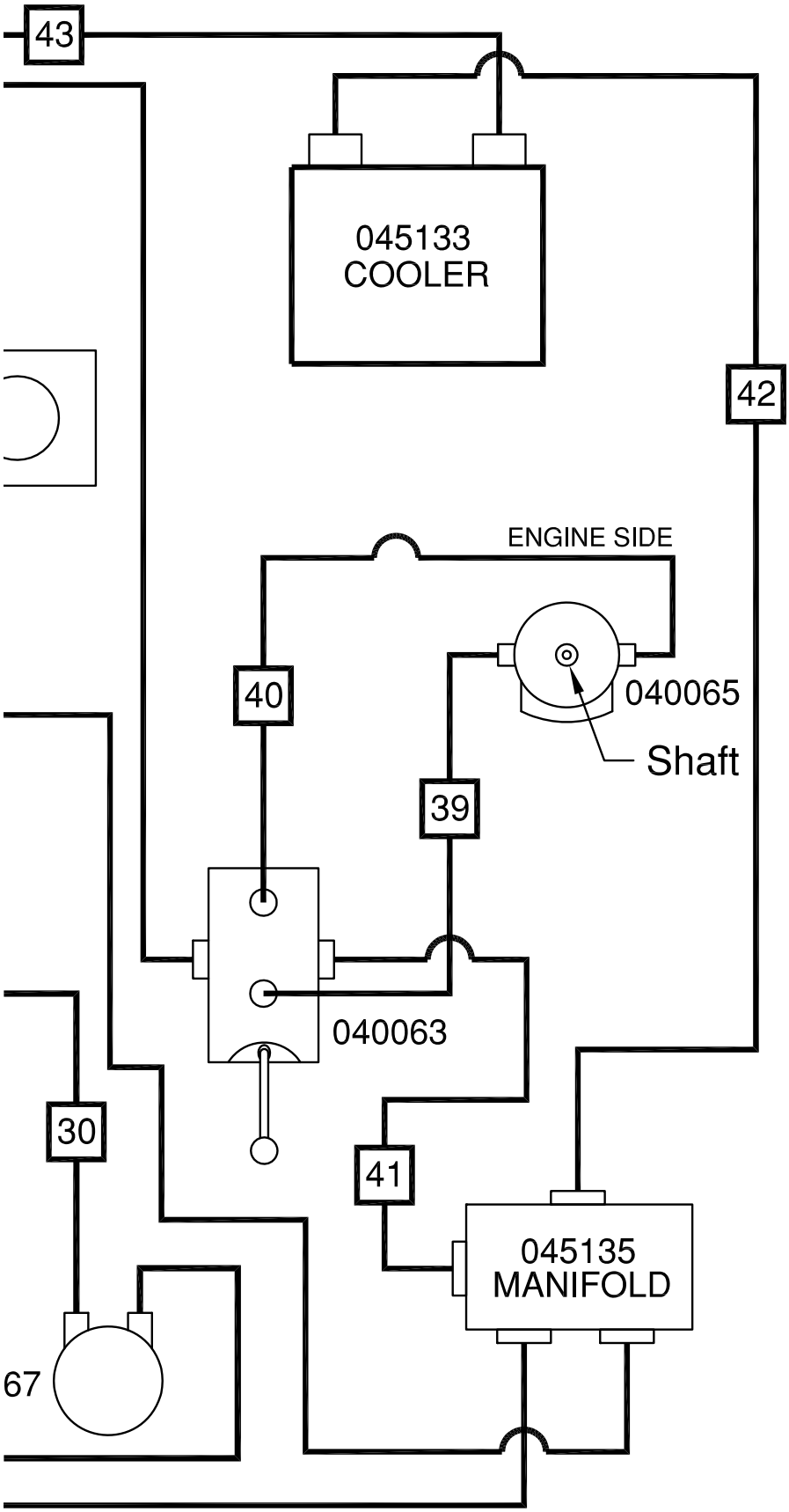


ITEM	PART NO.	DESCRIPTION	QTY
45	040086	HOSE ASSEMBLY, 10" TRTP (#26)	1
46	040087	HOSE ASSEMBLY, 10" TRTP (#27)	1
47	040088	HOSE ASSEMBLY, 10" TRTP (#28)	1
48	040089	HOSE ASSEMBLY, 10" TRTP (#29)	1
49	040090	HOSE ASSEMBLY, 10" TRTP (#30)	1
50	040091	HOSE ASSEMBLY, 10" TRTP (#31)	1
51	040092	HOSE ASSEMBLY, 10" TRTP (#32)	1
52	040093	HOSE ASSEMBLY, 10" TRTP (#33)	1
53	040094	HOSE ASSEMBLY, 10" TRTP (#34)	1
54	040095	HOSE ASSEMBLY, 10" TRTP (#35)	1
55	040096	HOSE ASSEMBLY, 10" TRTP (#36)	1
56	040097	HOSE ASSEMBLY, 10" TRTP (#37)	1
57	040098	HOSE ASSEMBLY, 10" TRTP (#38)	1
58	040099	HOSE ASSEMBLY, 10" TRTP (#39)	1
59	040100	HOSE ASSEMBLY, 10" TRTP (#40)	1
60	040101	HOSE ASSEMBLY, 10" TRTP (#41)	1
61	047093	HOSE ASSEMBLY, 10" TRTP (#42)	1
62	047094	HOSE ASSEMBLY, 10" TRTP (#43)	1
63	040102	HOSE ASSEMBLY, 10" TRTP (#55)	1
64	040103	HOSE ASSEMBLY, 10" TRTP (#56)	1

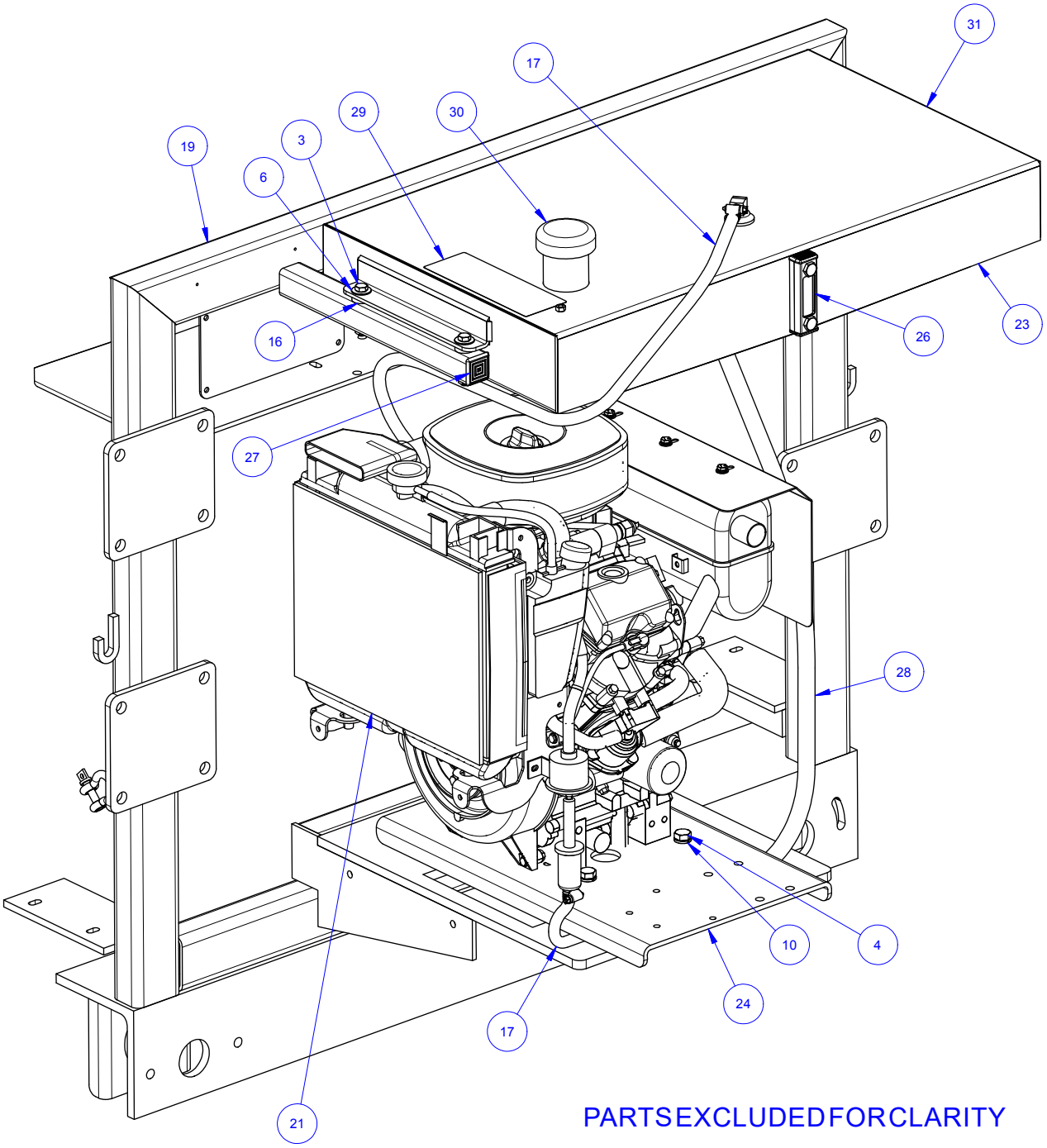
Hydraulic Schematic



Hydraulic Schematic (cont'd)



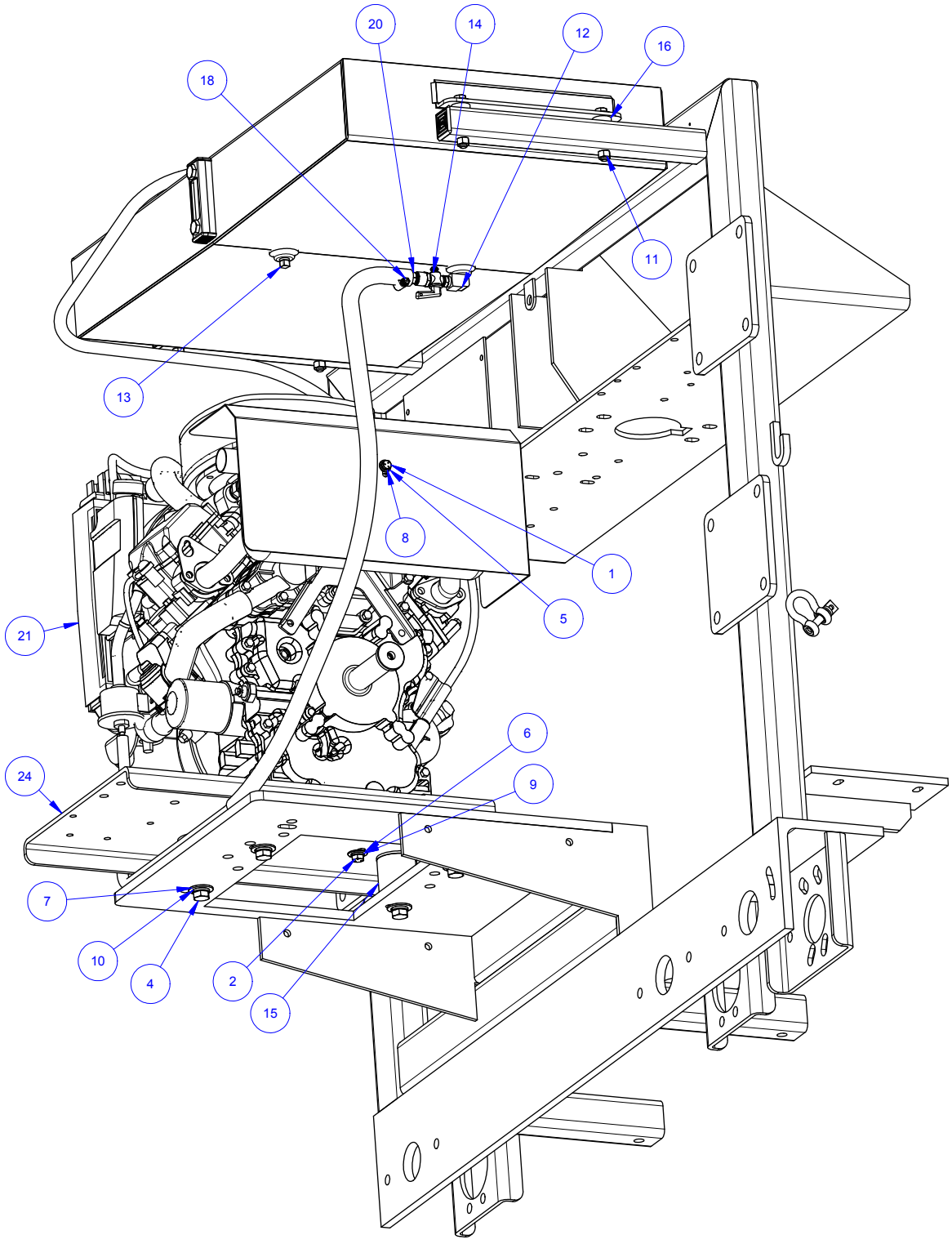
Fuel System Assembly Illustration



Fuel System Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010001	FSTN, HHCS 1/4-20 X 1/2 GR 5	4
2	010037	FSTN, HHCS 3/8-16 X 1-1/4 GR 5	4
3	010042	FSTN, HHCS 3/8-16 X 2-1/2 GR 5	4
4	010067	FSTN, HHCS 1/2-13 X 1	8
5	010081	FSTN, FW 1/4	4
6	010083	FSTN, FW 3/8	8
7	010085	FSTN, FW 1/2	4
8	010089	FSTN, LW 1/4	4
9	010091	FSTN, LW 3/8	4
10	010093	FSTN, LW 1/2	8
11	010102	FSTN, NUT HEX 3/8-16	4
12	010220	FTG, 1/4 NPTF 90° STREET ELBOW	2
13	010497	PLUG, 1/4-18 NPT SQ HD PIPE	1
14	012693	VALVE, 1/4 M-FM SHUT OFF	1
15	012725	RUBBER ISOLATOR, 2” WITH 1/2-13 UNC	4
16	015713	BUSHING, NITRILE	4
17	019429	HOSE, 5/16” FUEL LINE	1
18	019430	FSTN, CLAMP SIZE 4 MINI	4
19	038094	HANDLE, DRIVE END TRTF	1
20	040112	HOSE BARB, 1/4 X 1/4	2
21	065825	ENGINE, KOHLER ECH980 38 HP	1
22	065875	MUFFLER, LH FOR ECH980	1
23	043394	TAPE, HIGH TEMP FOIL 54’ X 3” WIDE	1
24	057684	PLATE, 150B TRTP ENGINE MOUNT	1
25	069298	MUFFLER GUARD	1
26	047172	GAUGE, 3” SITE LEVEL	1
27	050684	PLUG, 1-1/2 SQ PLASTIC	2
28	051992	SLEEVING, 3/4” ID HEAT	1
29	075426	DECAL, GASOLINE ONLY (SP)	1
30	053472	CAP, TETHERED FUEL (EPA)	1
31	053480	TANK, FUEL	1

Fuel System Assembly (cont'd) Illustration

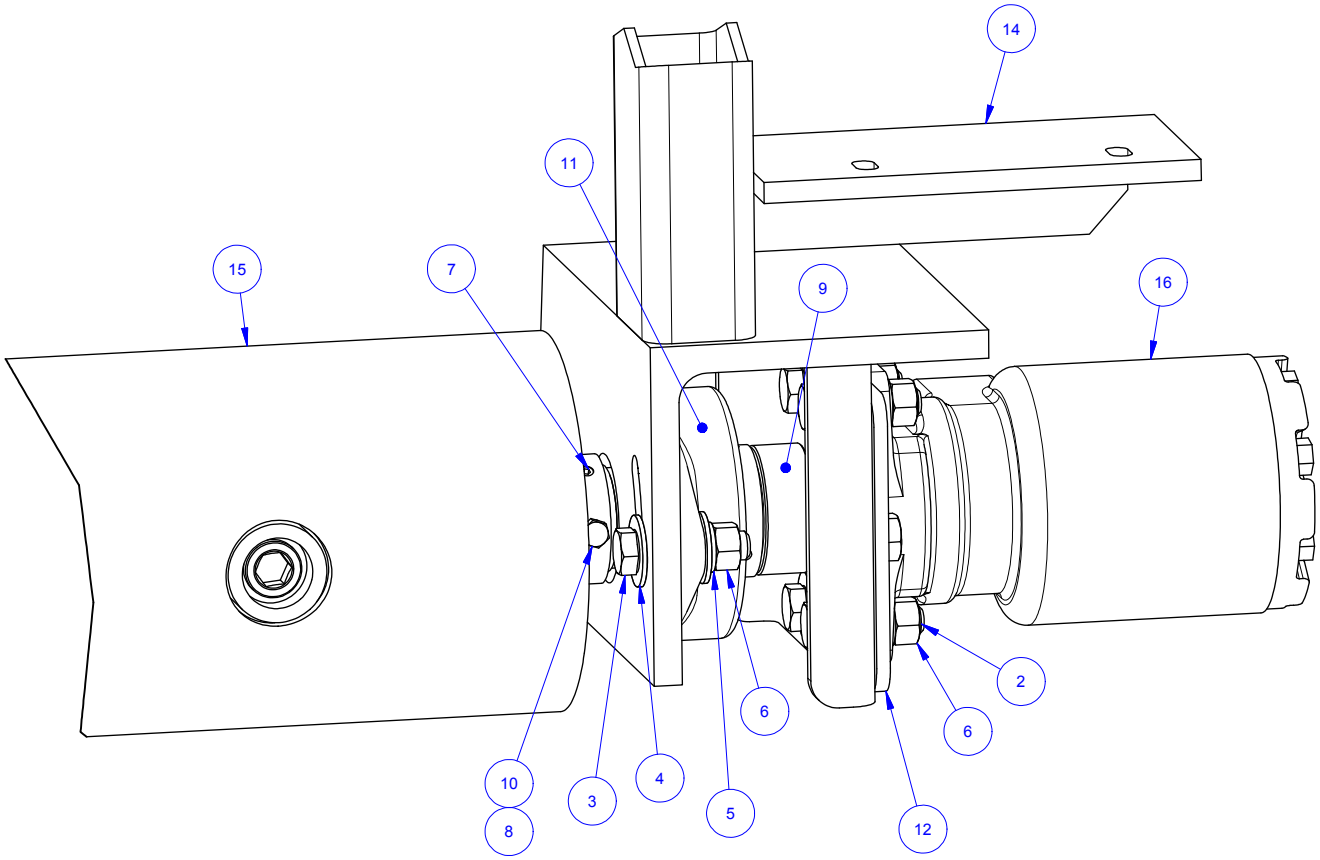


Fuel System Assembly (cont'd)
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010001	FSTN, HHCS 1/4-20 X 1/2 GR 5	4
2	010037	FSTN, HHCS 3/8-16 X 1-1/4 GR 5	4
3	010042	FSTN, HHCS 3/8-16 X 2-1/2 GR 5	4
4	010067	FSTN, HHCS 1/2-13 X 1	8
5	010081	FSTN, FW 1/4	4
6	010083	FSTN, FW 3/8	8
7	010085	FSTN, FW 1/2	4
8	010089	FSTN, LW 1/4	4
9	010091	FSTN, LW 3/8	4
10	010093	FSTN, LW 1/2	8
11	010102	FSTN, NUT HEX 3/8-16	4
12	010220	FTG, 1/4 NPTF 90° STREET ELBOW	2
13	010497	PLUG, 1/4-18 NPT SQ HD PIPE	1
14	012693	VALVE, 1/4 M-FM SHUT OFF	1
15	012725	RUBBER ISOLATOR, 2" WITH 1/2-13 UNC	4
16	015713	BUSHING, NITRILE	4
17	019429	HOSE, 5/16" FUEL LINE	1
18	019430	FSTN, CLAMP SIZE 4 MINI	4
19	038094	HANDLE, DRIVE END TRTF	1
20	040112	HOSE BARB, 1/4 X 1/4	2
21	065825	ENGINE, KOHLER ECH980 38 HP	1
22	065875	MUFFLER, LH FOR ECH980	1
23	043394	TAPE, HIGH TEMP FOIL 54' X 3" WIDE	1
24	057684	PLATE, 150B TRTP ENGINE MOUNT	1
25	069298	MUFFLER GUARD	1
26	047172	GAUGE, 3" SITE LEVEL	1
27	050684	PLUG, 1-1/2 SQ PLASTIC	2
28	051992	SLEEVING, 3/4" ID HEAT	1
29	075426	DECAL, GASOLINE ONLY (SP)	1
30	053472	CAP, TETHERED FUEL (EPA)	1
31	053480	TANK, FUEL	1

SECTION 4 PARTS

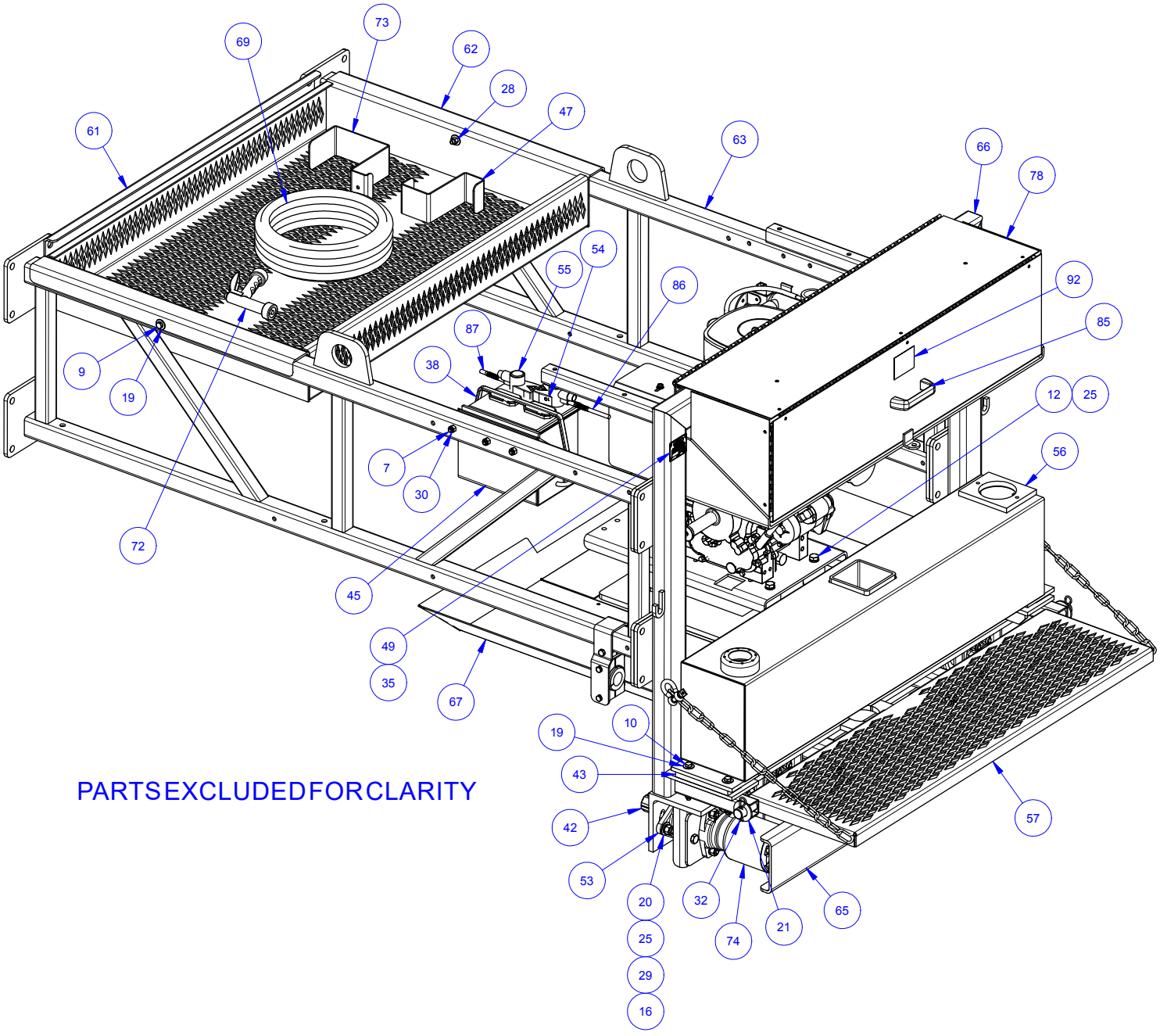
Roller Tube Mount Assembly Illustration



Roller Tube Mount Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010068	FSTN, HHCS 1/2-13 X 1-1/4 GR 5	2
2	010070	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	4
3	010071	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	2
4	010085	FSTN, FW 1/2	8
5	010093	FSTN, LW 1/2	8
6	010106	FSTN, NUT HEX 1/2-13	8
7	018999	SCREW, 1/4-28 X 3/8 SFLKG SKT SET	2
8	020542	FSTN, NUT STOVER LOCK 1/4-20	1
9	028292	SHAFT, HEX TRIPLE RTF	1
10	033711	FSTN, HHCS 1/2-13 X 4 1/2”	1
11	033769	BEARING, SCJT 1 3/4 TWO BLT FL	1
12	036646	PLATE,PIVOT F/HYD. MOTOR-8”TRT	1
13	037560	O-RING, HEX COUPLER ASSY (318)	1
14	038094	HANDLE, DRIVE END TRTF	1
15	038616NL	TUBE, DRIVER - 150 TRTF	1
16	040068	MOTOR, FINISH 10” TRTP (STRIKE OFF)	1

Power Unit End Assembly Illustration

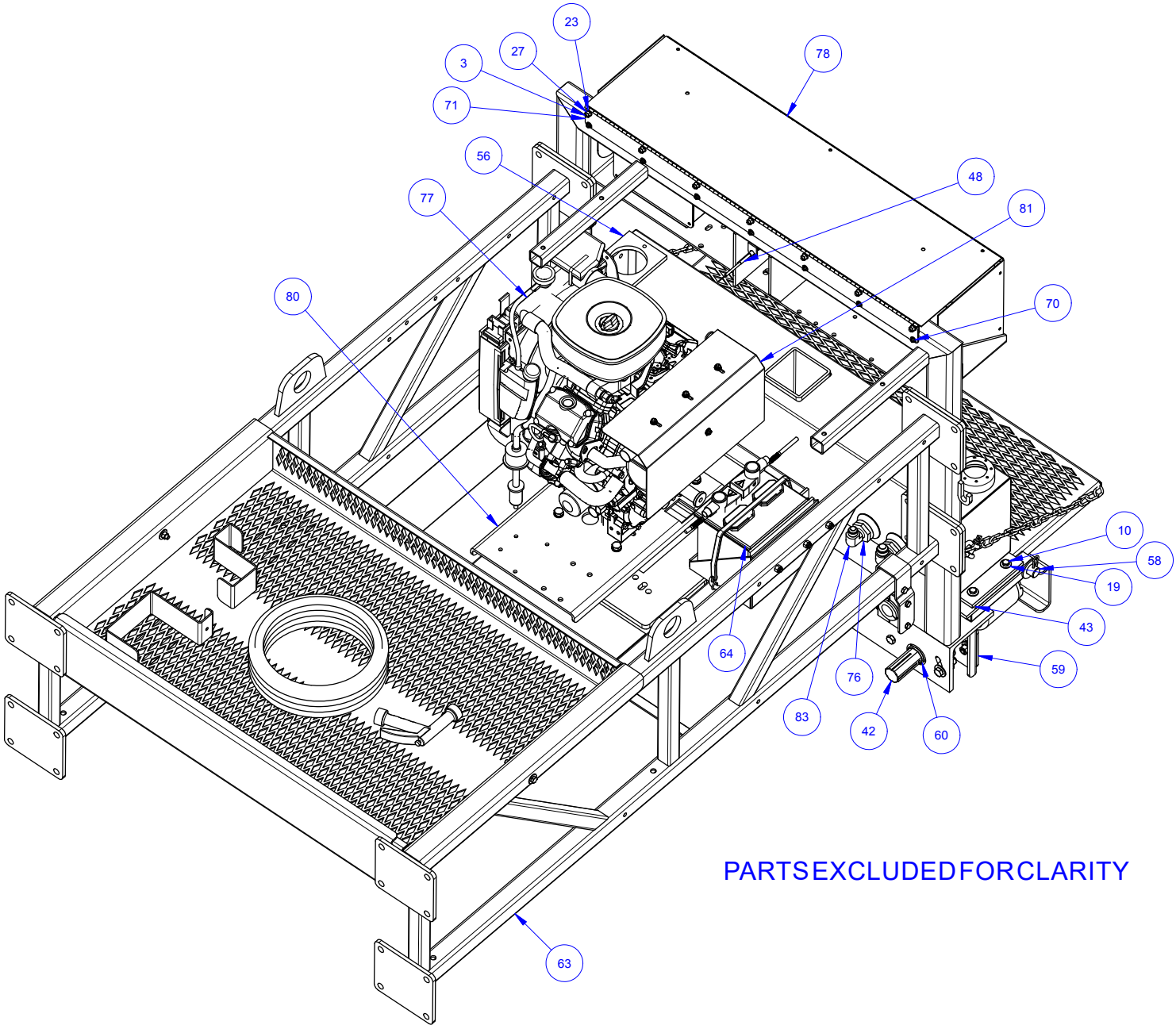


PARTS EXCLUDED FOR CLARITY

Power Unit End Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010001	FSTN, HHCS 1/4-20 X 1/2 GR 5	6
2	010002	FSTN, HHCS 1/4-20 X 3/4	2
3	010019	FSTN, HHCS 5/16-18 X 3/4 GR 5	7
4	010029	FSTN, HHCS 5/16-18 X 3-1/2	2
5	010036	FSTN, HHCS 3/8-16 X 1	4
6	010037	FSTN, HHCS 3/8-16 X 1-1/4 GR 5	4
7	010043	FSTN, HHCS 3/8-16 X 2-3/4	3
8	010044	FSTN, HHCS 3/8-16 X 3	1
9	010045	FSTN, HHCS 3/8-16 X 3-1/4	2
10	010046	FSTN, HHCS 3/8-16 X 3-1/2	4
11	010050	FSTN, NUT HEX JAM 1/2-13	2
12	010067	FSTN, HHCS 1/2-13 X 1	10
13	010068	FSTN, HHCS 1/2-13 X 1-1/4 GR 5	2
14	010069	FSTN, HHCS 1/2-13 X 1-1/2	8
15	010070	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	4
16	010071	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	6
17	010081	FSTN, FW 1/4	4
18	010082	FSTN, FW 5/16	7
19	010083	FSTN, FW 3/8	12
20	010085	FSTN, FW 1/2	16
21	010088	FSTN, FW 1”	2
22	010089	FSTN, LW 1/4	8
23	010090	FSTN, LW 5/16	7
24	010091	FSTN, LW 3/8	4
25	010093	FSTN, LW 1/2	28
26	010098	FSTN, NUT HEX 1/4-20	2
27	010100	FSTN, NUT HEX 5/16-18	7
28	010102	FSTN, NUT HEX 3/8-16	2
29	010106	FSTN, NUT HEX 1/2-13	20
30	010464	FSTN, NUT NYLOK 3/8-16	12
31	010498	PLUG, 3/8 NPT BI SQ HD PIPE	1
32	010711	CLIP, .125x2-9/16 HITCH PIN	2
33	012612	FSTN, NUT HEX NYLOCK 5/16-18	2
34	012725	RUBBER ISOLATOR, 2” WITH 1/2-13 UNC	4
35	012994	RIVET, 1/8x3/8 ALUM DOME HD [closed]	4
36	015735	THROTTLE AND CABLE ASSEMBLY	1
37	019430	FSTN, CLAMP SIZE 4 MINI	1
38	026592	BATTERY HOLD DOWN STRAP	1
39	027883	BUSHING, RUBBER SPLIT	1
40	027884	CLAMP, LOPRO ENGINE MOUNT	2
41	027885	SPACER, CLAMP LOPRO ENG MT	2
42	028292	SHAFT, HEX TRIPLE RTF	3
43	029098	BUSHING, F/HYD TANK TRTF	2
44	029186	TUBE, MOUNT F/STAND TRTF	2
45	029213	BOX, BATTERY TRTF	1
46	029387	PIN, MOTOR PROTECTOR TRTP 255	2
47	029459	HANGER, HOSE TRTF	1
48	029928	CHOKE CABLE ASSEMBLY	1
49	032097	DECAL, SERIAL NUMBER PLATE	1
50	066485	DECAL, FINISH TUBE TRTP	1

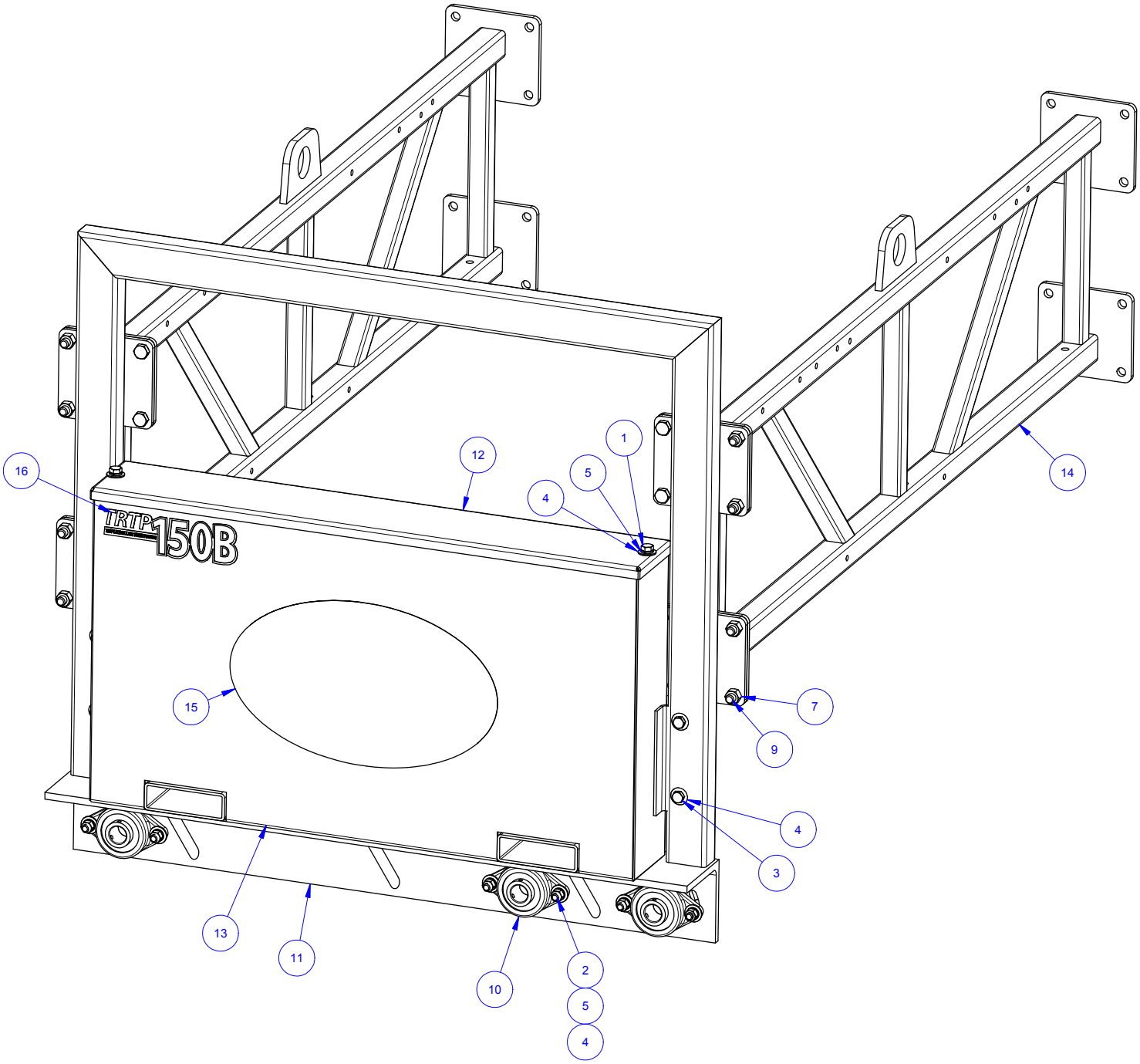
Power Unit End Assembly (cont'd) Illustration



ITEM	PART NO.	DESCRIPTION	QTY
51	066508	DECAL, WATERPUMP ON/OFF TRTP	1
52	066485	DECAL, TRAVEL TUBE TRTP	1
53	033769	BEARING, SCJT 1 3/4 TWO BLT FL	3
54	035597	INSULATOR, POS BATT TERMINAL	1
55	035598	INSULATOR, NEG BATT TERMINAL	1
56	036614	TANK,HYD. 14 GAL. F/8" TRTF	1
57	036633	STAND,WELD'T F/8" STRT (200)	1
58	036637	BAR,STAND F/8" TRTF (MOD. 200)	1
59	036646	PLATE,PIVOT F/HYD. MOTOR-8"TRT	1
60	037560	O-RING, HEX COUPLER ASSY (318)	3
61	037568	SUPPORT, CROSS F/ TRTP	1
62	037572	BASKET, CENTER F/ TRTP	1
63	037577	FRAME, TRTP 6' END	2
64	037771	BATTERY, 12 V GRAY 655CA	1
65	037965	WELD'T, 150/200 STD MOTOR PROTECTOR	1
66	038094	HANDLE, DRIVE END TRTF	1
67	038098	PAN, MOD200 SPLASH	1
68	038882	CUSHION,BATT.BOX REAR F/TRTF	2
69	038942	HOSE, TRTP 25' WATER	1
70	038948	FSTN, SCREW SELF TAP 1 1/4 X #5	7
71	039344	PLATE, TRTP CONTROL COVER HINGE MTG	1
72	039661	HAND HELD WATER NOZZLE, FOR TRTP	1
73	039826	HANGER, WATER HOSE FOR TRTP	1
74	040068	MOTOR, FINISH 10" TRTP (STRIKE OFF)	3
75	040072	STRAINER, SMALL HYD. TMF-05-5 TANK (TRTP)	1
76	040073	STRAINER, LARGE HYD. TANK (TRTP)	2
77	065825	ENGINE, KOHLER ECH980 38 HP	1
78	042157	COVER WELD'T CTRL PNL 200 & 150 TRTP	1
79	065875	MUFFLER, LH FOR ECH980	1
80	057684	PLATE, 150B TRTP ENGINE MOUNT	1
81	069298	MUFFLER GUARD	1
82	045137	FTG., F2501-12-12-O	1
83	046352	F2501-10-12-0 FLARE-O FITTING	1
84	046367	F6400-06-10-0 FLARE-O FITTING	2
85	048678	HANDLE, LOAD RATED NYLON	1
86	048975	CABLE, 4 AWG 44 LG POS BATTERY	1
87	048976	CABLE, 35 LG NEGATIVE BATTERY	1
88	049058	FTG, F2501-8-8-O ELB JIC-NPTF	1
89	051199	BRACKET, SPRAY BAR MOUNT (TRTP)	1
90	051207	ASSY, CONTROL BOX F/ 150B TRTP	1
91	075400	DECAL, SPARK WARNING (SP)	1
92	-	-	1

SECTION 4 PARTS

Idle End Assembly Illustration

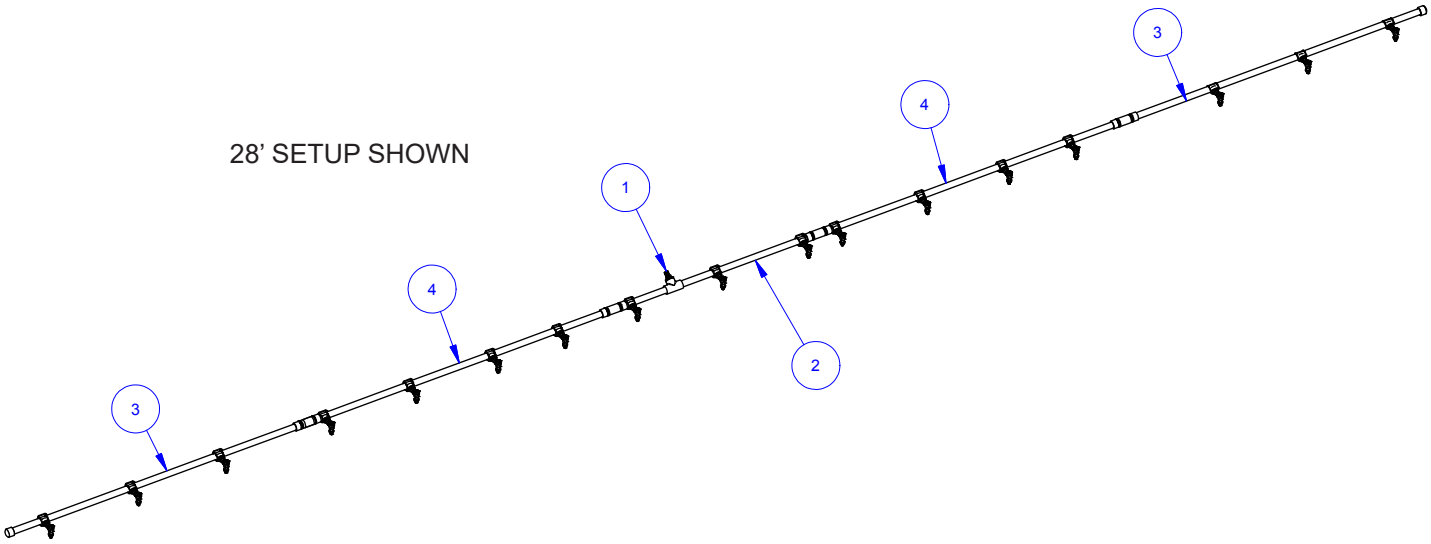


Idle End Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010068	FSTN, HHCS 1/2-13 X 1-1/4 GR 5	2
2	010071	FSTN, HHCS 1/2-13 X 2-1/4 GR 5	6
3	010075	FSTN, HHCS 1/2-13 X 3 GR 5	4
4	010085	FSTN, FW 1/2	13
5	010093	FSTN, LW 1/2	8
6	010106	FSTN, NUT HEX 1/2-13	6
7	010110	FSTN, NUT HEX 5/8-11 GR 8	16
8	011238	FSTN, NUT HEX NYLOK 1/2-13	4
9	029311	FSTN, HHCS 5/8-11 X 1 3/4 GR 8 YELLOW ZINC	16
10	033768	BEARING, SCJT 1 1/4 2BOLT FLNG	3
11	036612	HANDLE,IDLE END F/8” TRTF (200)	1
12	036620	PLATE,TOP-WEIGHT BOX F/8” TRTF	1
13	036656	WEIGHT BOX WLD’T F/8”TRTF (200)	1
14	037577	FRAME, TRTP 6’ END	2
15	-	-	1
16	-	-	1

SECTION 4 PARTS

Spray Bar Assembly Illustration and Parts List



ITEM	PART NO.	DESCRIPTION	QTY
1	038971	FTG, 3/4NPT X 3/4 HOSE BARB (M9910)	1
2	041609	ASSY, SPRAY BAR (4’ CTR)	1
3	041611	ASSY, SPRAY BAR (6’ END)	2
4	041623	ASSY, SPRAY BAR (6’ SPACER)	2

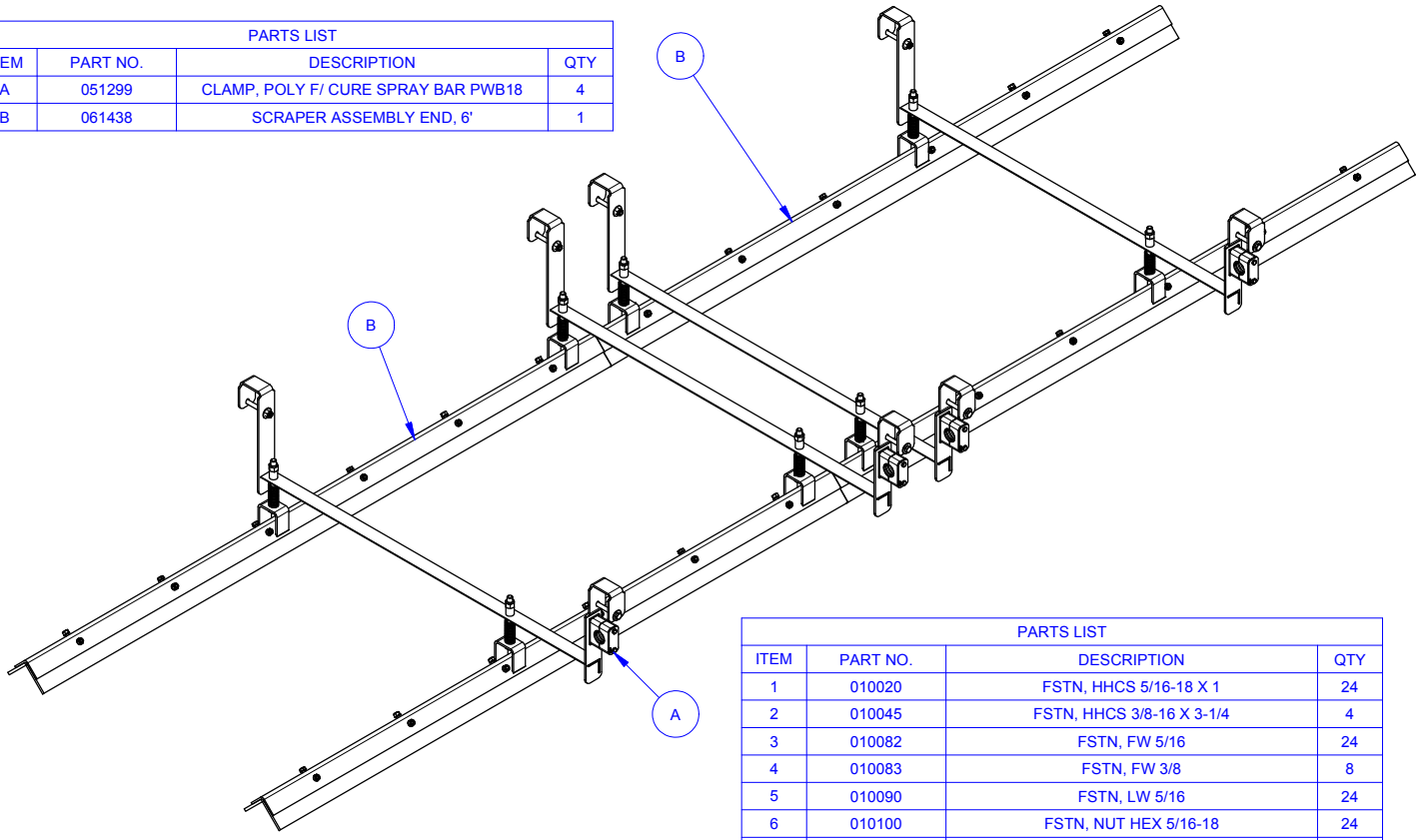
Spray Bar Assembly Matrix

SPRAY BAR MATRIX			
MACHINE	**PART #**	**DESCRIPTION**	**QTY**
12'	041611	ASSY, SPRAY BAR (6' END)	2
14'	041611	ASSY, SPRAY BAR (6' END)	2
	041613	ASSY, SPRAY BAR (1' SPACER)	2
16'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
18'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041613	ASSY, SPRAY BAR (1' SPACER)	2
20'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041615	ASSY, SPRAY BAR (2' SPACER)	2
22'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041617	ASSY, SPRAY BAR (3' SPACER)	2
24'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041619	ASSY, SPRAY BAR (4' SPACER)	2
26'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041621	ASSY, SPRAY BAR (5' SPACER)	4
28'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041623	ASSY, SPRAY BAR (6' SPACER)	2
30'	041611	ASSY, SPRAY BAR (6' END)	2
	041609	ASSY, SPRAY BAR (4' CTR)	1
	041619	ASSY, SPRAY BAR (4' SPACER)	2
	041617	ASSY, SPRAY BAR (3' SPACER)	2

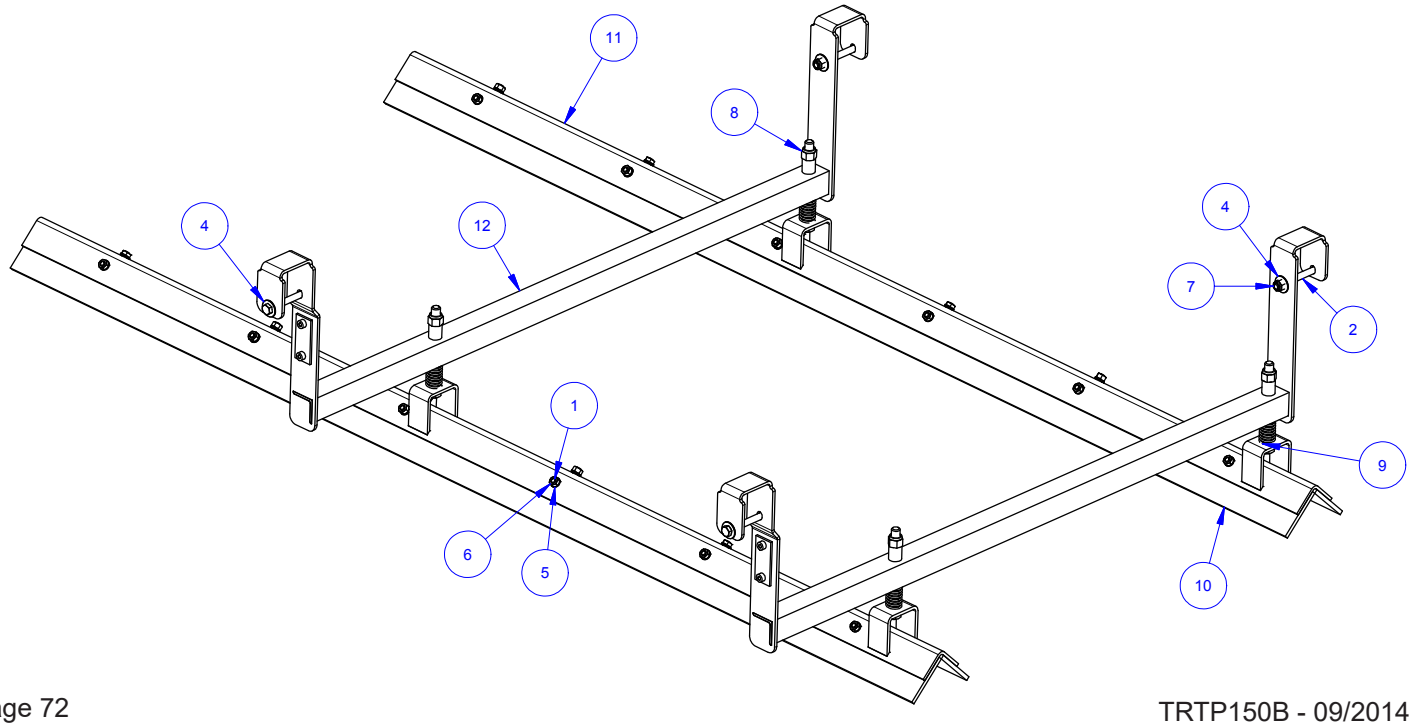
SECTION 4 PARTS

Scraper Assembly Illustration and Parts List

PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
A	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	4
B	061438	SCRAPER ASSEMBLY END, 6'	1



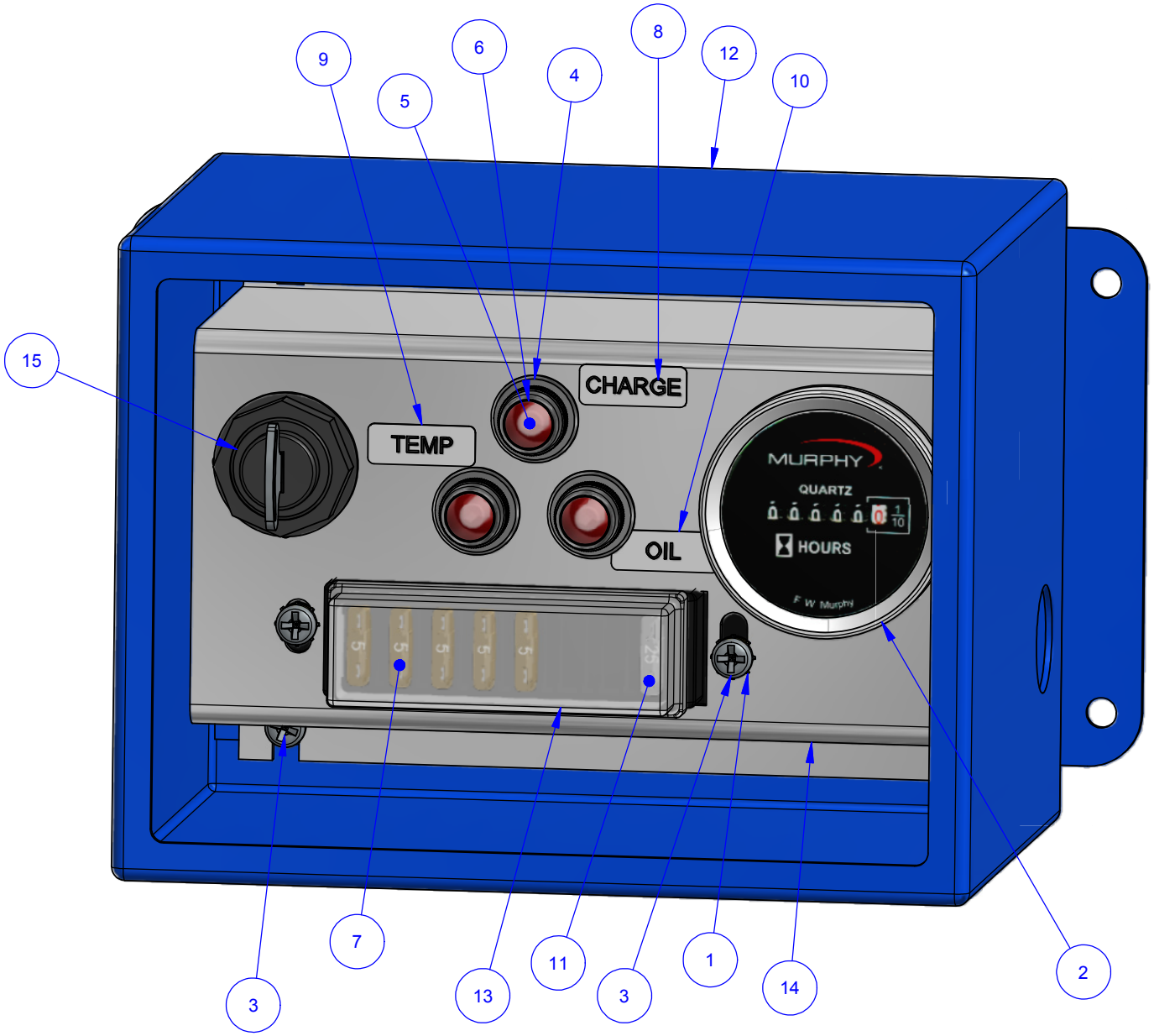
PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
1	010020	FSTN, HHCS 5/16-18 X 1	24
2	010045	FSTN, HHCS 3/8-16 X 3-1/4	4
3	010082	FSTN, FW 5/16	24
4	010083	FSTN, FW 3/8	8
5	010090	FSTN, LW 5/16	24
6	010100	FSTN, NUT HEX 5/16-18	24
7	010464	FSTN, NUT NYLOK 3/8-16	4
8	011238	FSTN, NUT HEX NYLOK 1/2-13	4
9	033936	SPRING, SCRAPER ASSEMBLY TRTP	4
10	051655	SCRAPER, 6' TIVAR F/ 255CD	4
11	051667	WELD'T, 6' END SCRAPER	2
12	061405	WELDMENT, 150B SCRAPER HANGER	2



Scraper Assembly Matrix

SCRAPER MATRIX			
MACHINE	**PART #**	**DESCRIPTION**	**QTY**
12'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	4
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
14'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	6
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	062964	ASSEMBLY, 1' SCRAPER SECTION TRTP 150B	2
16'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	6
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	1
18'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	8
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	1
	062964	ASSEMBLY, 1' SCRAPER SECTION TRTP 150B	2
20'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	8
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	1
	062965	ASSEMBLY, 2' SCRAPER SECTION TRTP 150B	2
22'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	8
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	1
	062966	ASSEMBLY, 3' SCRAPER SECTION TRTP 150B	2
24'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	10
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	3
26'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	10
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	1
	062967	ASSEMBLY, 5' SCRAPER SECTION TRTP 150B	2
28'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	12
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	1
	062968	ASSEMBLY, 6' SCRAPER SECTION TRTP 150B	2
30'	051299	CLAMP, POLY F/ CURE SPRAY BAR PWB18	12
	061438	ASSEMBLY, 6' END SCRAPER SEC 150BTRTP	2
	061437	ASSEMBLY, 4' SCRAPER SECTION TRTP 150B	3
	062966	ASSEMBLY, 3' SCRAPER SECTION TRTP 150B	2

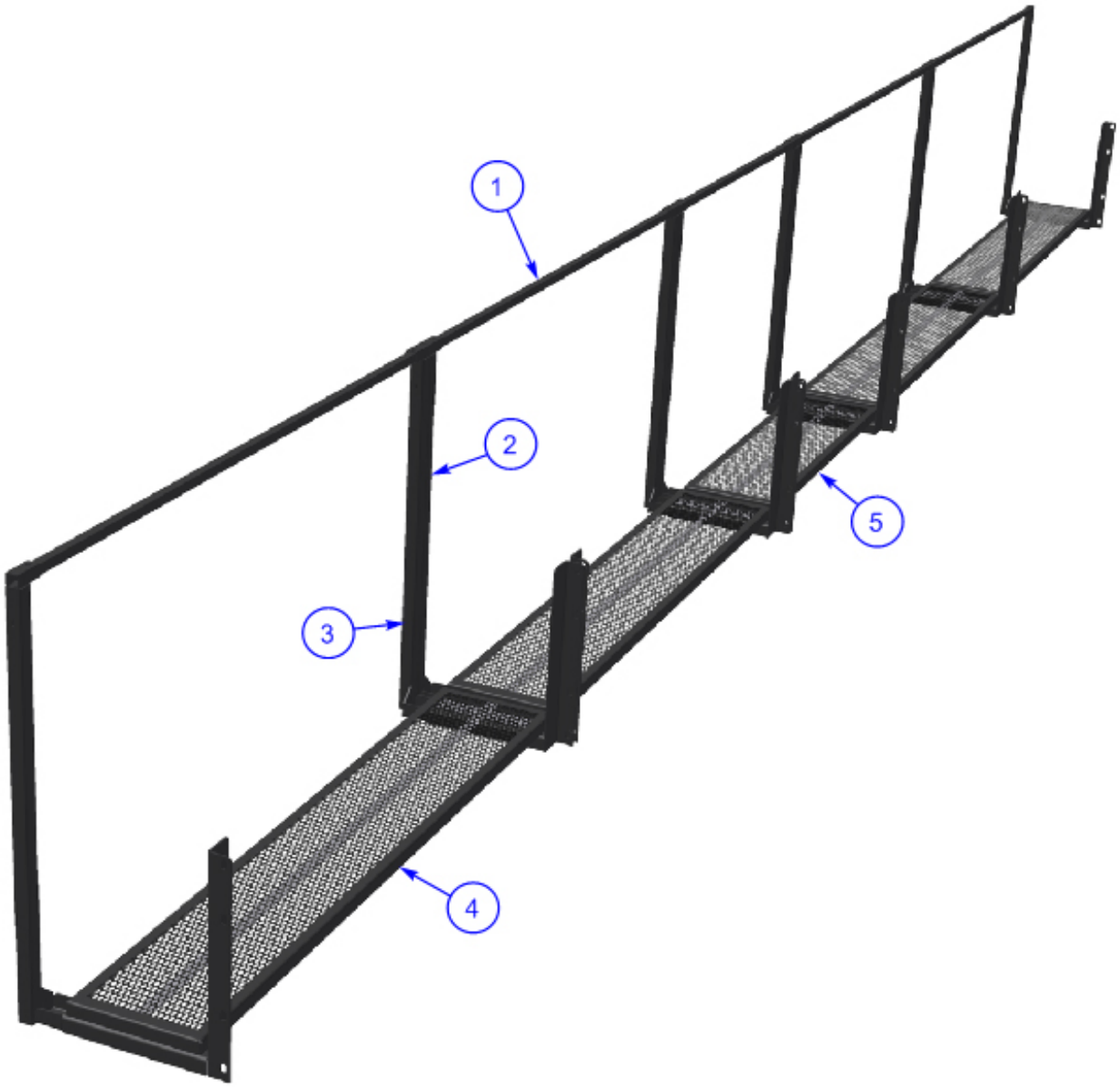
Electrical Box Assembly Illustration



Electrical Box Assembly
Parts List

ITEM	PART NO.	DESCRIPTION	QTY
-	051207	ASSY, CONTROL BOX F/ 150B TRTP	-
1	013740	FSTN, LW STAR #10	2
2	029824	HOURMETER, Ø2 OPERATING TIME	1
3	032712	FSTN, RHMS 10-24 x 1/2	6
4	034610	SOCKET, T-2 SLIDE BASE LAMP	3
5	034611	LAMP, T-2 SLIDE BASE #5	3
6	034614	LENS, T-2 LAMP RED JEWELED	3
7	036554	FUSE, ATC 5 AMP BLADE	1
8	036770	DECAL, CHARGE	1
9	036771	DECAL, TEMP	1
10	036772	DECAL, OIL	1
11	036918	FUSE, 25 AMP	1
12	038963	BOX, CONTROL 6 X 6 X 8 F/ TRTP	1
13	038965	BLOCK, 200B/150B 8-WAY FUSE	1
14	046401	PANEL, CONTROL	1
15	27005-2055	IGNITION SWITCH	1

Rear Walkway Assembly (Option) Illustration



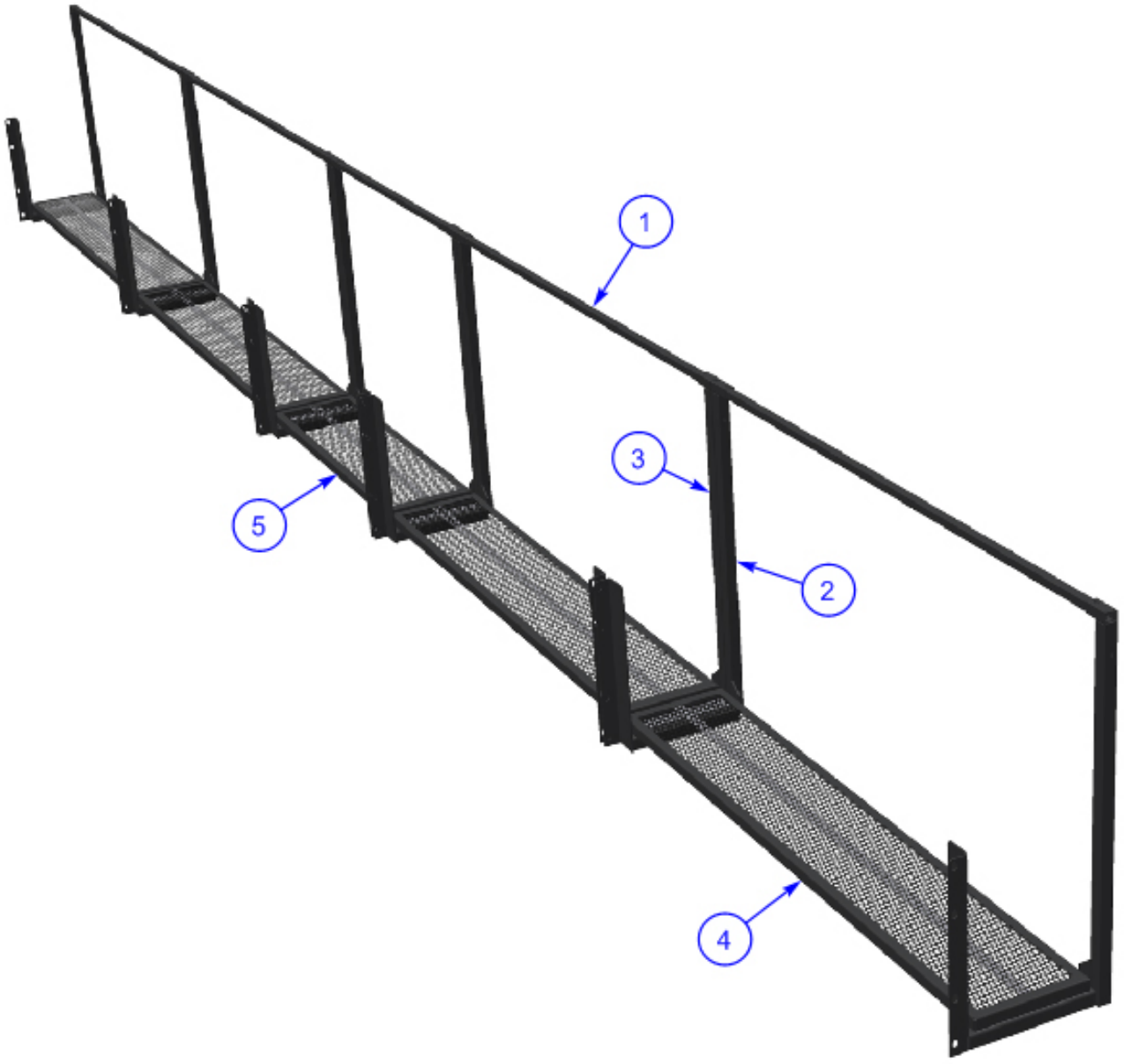
Rear Walkway Assembly (Option)
Parts List

ITEM	PART #	DESCRIPTION	QTY
1	033585-1	TUBE, RAIL TOP (1'SPCR)	-
	033585-2	TUBE, RAIL TOP (2'SPCR)	-
	033585-3	TUBE, RAIL TOP (3'SPCR)	-
	033585-4	TUBE, RAIL TOP (4'SPCR)	-
	033585-5	TUBE, RAIL TOP (5'SPCR)	-
	033587	TUBE, TOP RAIL (6' END)	2
2	037601L	WELD'T REAR WALKWAY LEFT	-
3	037601R	WELD'T REAR WALKWAY RIGHT	-
4	038812	WELD'T, TRTP END WALKWAY	2
5	038816	WELD'T, TRTP 4' WALKWAY	-
	038840	WELD'T, TRTP 6' WALKWAY	-
	038824	WELD'T, TRTP 2' WALKWAY	-
	038820	WELD'T, TRTP 1' WALKWAY	-
	038828	WELD'T, TRTP 3' WALKWAY	-
	038836	WELD'T, TRTP 5' WALKWAY	-

Rear Walkway Assemblies

PART #	DESCRIPTION
037597-12	WALKWAY, REAR 12' 200BD/255BD
037597-14	WALKWAY, REAR 14' 200BD/255BD
037597-16	WALKWAY, REAR 16' 200BD/255BD
037597-18	WALKWAY, REAR 18' 200BD/255BD
037597-20	WALKWAY, REAR 20' 200BD/255BD
037597-22	WALKWAY, REAR 22' 200BD/255BD
037597-24	WALKWAY, REAR 24' 200BD/255BD
037597-26	WALKWAY, REAR 26' 200BD/255BD
037597-28	WALKWAY, REAR 28' 200BD/255BD
037597-30	WALKWAY, REAR 30' 200BD/255BD

Front Walkway Assembly (Option) Illustration



Front Walkway Assembly (Option) Parts List

ITEM	PART #	DESCRIPTION	QTY
1	033585-1	TUBE, RAIL TOP (1'SPCR)	-
	033585-2	TUBE, RAIL TOP (2'SPCR)	-
	033585-3	TUBE, RAIL TOP (3'SPCR)	-
	033585-4	TUBE, RAIL TOP (4'SPCR)	-
	033585-5	TUBE, RAIL TOP (5'SPCR)	-
	033587	TUBE, TOP RAIL (6' END)	2
2	037594L	WELD'T FRONT WALKWAY BRKT. LH	-
3	037594R	WELD'T FRONT WALKWAY BRKT. RH	-
4	038812	WELD'T, TRTP END WALKWAY	2
5	038816	WELD'T, TRTP 4' WALKWAY	-
	038840	WELD'T, TRTP 6' WALKWAY	-
	038824	WELD'T, TRTP 2' WALKWAY	-
	038820	WELD'T, TRTP 1' WALKWAY	-
	038828	WELD'T, TRTP 3' WALKWAY	-
	038836	WELD'T, TRTP 5' WALKWAY	-

Front Walkway Assemblies

PART #	DESCRIPTION
037599-12	WALKWAY, FRONT 12' 200BD/255BD
037599-14	WALKWAY, FRONT 14' 200BD/255BD
037599-16	WALKWAY, FRONT 16' 200BD/255BD
037599-18	WALKWAY, FRONT 18' 200BD/255BD
037599-20	WALKWAY, FRONT 20' 200BD/255BD
037599-22	WALKWAY, FRONT 22' 200BD/255BD
037599-24	WALKWAY, FRONT 24' 200BD/255BD
037599-26	WALKWAY, FRONT 26' 200BD/255BD
037599-28	WALKWAY, FRONT 28' 200BD/255BD
037599-30	WALKWAY, FRONT 30' 200BD/255BD

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