RACINE
RAILROAD PRODUCTS

Trak Kut II Saw

910084

Operating and Maintenance Manual

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Record of Changes

No.	Date	Description of Changes
Rev 1	10.2018	Engineering and branding updates
Rev 2	10.2019	Update logo. Add Parts List.
Rev 2.1	10.2019	Add saw sub-assembly drawings and parts list

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Section 1: Overview and Safety

Trak Kut II Saw Overview

RRP designs and manufactures equipment primarily for the repair and new construction of rail and railroad tie track maintenance.

Our product line focuses on rail fastening application/removal/adjustment equipment, other tie material (OTM) reclamation, wood and concrete railway tie repair, and tie plate handling/distribution.

The Racine Railroad Products Trak Kut II saw is a portable, gasoline engine powered, single blade saw designed for vertical on track rail cutting. The Racine Trak Kut II has a screw-type rail clamp that accommodates 80 lb. to 175 lb. rail.

Cutting position is set with clamp and clutch loaded articulating pivoting arms with an adapting rail clamp and a manual screw with T-handle. The Racine Trak Kut II saw uses ANSI approved abrasive cutting disc blades

Warranty Terms and Conditions

Warranty Period

Each new machine and new parts of our manufacture are warranted against defects in material and workmanship for one year from the date of shipment from our factory.

When contacting customer service for factory parts, service or warranty support please provide the:

- Racine Railroad Products Model
- Serial Number
- Any locally assigned identification

Vendor Parts Warranty Period

Other equipment and parts used, but not manufactured by Racine Railroad Products, Inc., are covered directly by the manufacturer's warranty for their products.

Warranty Parts and Service

We will repair or replace, without charge, F.O.B. factory, Racine, Wisconsin, USA, any part Racine Railroad Products manufactures which is proven to be defective during the warranty period.

Material claimed defective must be returned, if requested, to the factory within 30 days from the date of the claim for replacement. Ordinary wear and tear, abuse, misuse and neglect are not covered by this warranty. Depending upon the circumstances, we may provide technical assistance and/or technical service support, without charge, to assist in the correction of warranty related problems.

Non-Warranty Parts and Service

Material damaged through normal wear and tear, abuse, misuse and/or neglect are not covered by our warranty and should be ordered directly from our Customer Service.

Note: Parts for models that are no longer in production may not be available.

Non-Warranty Parts Orders

When placing a parts order please provide the following information:

- Company Name and Billing Address
- Purchase Order Number and Issuing Authority
- Shipping Address
- Special Handling Instructions
- Contact Phone Number
- Machine Model and Serial Number
- Part Numbers and Quantities Being Ordered

Note: *Please use Racine Railroad Products part numbers when ordering parts.* Racine Railroad Products part numbers are shown in the parts lists and drawings of this manual and have only six (6) numbers.

Any part number with other than six numbers (e.g. contains alpha-numeric characters) is a Vendor Part Number and ***not*** a Racine Railroad Products part number

Safety

Tool operators and maintenance personnel must always comply with the safety precautions given in this manual and on the stickers and tags attached to the tool and hoses.

These safety precautions are given for your safety. Review them carefully before operating the tool and before performing maintenance or repairs. Supervising personnel should develop additional precautions relating to the specific work area and local safety regulations.

General Safety Precautions

Racine Railroad tools are designed to provide safe and dependable service if operated according to the instructions provided in this manual.

Read and understand this manual and any stickers attached to the power unit before operating. Failure to do so could result in personal injury or equipment damage. Check the rules and regulations at your location. The rules may include an employer's work safety program. Regulations may identify hazards such as working around utility supply lines or hazardous slopes.

Warning and Caution Statements

Warning and caution statements have been strategically placed throughout the text prior to operating or maintenance procedures, practices, or conditions considered essential for the protection of personnel, equipment, and property.

WARNING indicates a hazardous operating procedure, practice, or condition. If the hazardous situation is not avoided death or serious injury could occur.

CAUTION indicates a potentially hazardous operating procedure, practice, or condition. If the hazardous situation is not moderate or minor injury could occur.

Training Requirements

Operator training for the Impact Wrench should consist of information found in this manual. The operator must receive instructions, both verbally and through demonstrations for applications in which the tool is going to be used. The new operator must start in an area without bystanders and use the tool until able to fully operate the tool under the conditions for the work area.

Do no operate the tool unless thoroughly trained or under the supervision of an instructor.

Machine Use and Safety Precautions

Failure to follow safety precautions when operating this equipment can result in serious injury or death to the operator or other persons in the area.
Observe the following precautions whenever you are operating, working on or near this equipment.

Do not use this machine for other than its intended purpose.

Do not make any modifications without authorization or written approval from Racine Railroad Products. Replace all Racine Railroad Products and OEM parts with genuine Racine Railroad Products and OEM parts. Using non-OEM parts may compromise the safety of the machine.

Do not wear loose clothing, jewelry, radio belts, etc., when operating, working on or near this equipment. They can be caught in moving parts and may result in severe injury.

Always wear appropriate personal protective clothing when operating this equipment: e.g. Orange safety vest, hard hat, safety glasses with side shields, hearing protection, steel-toed safety boots, leather gloves, dust respirator, etc.

Always lift heavy objects with the knees and legs, not the arms and back.

Always keep hands, arms, feet, head, clothing, etc., out of the operating area and away from all rotating or moving components when operating, working on or near this machine.

Always make sure that all guards, covers, belts, hoses and operating components are in good working order and that all controls are in the appropriate position before starting the engine.

Always make sure that all safety equipment (e.g. fire extinguishers, first aid kits, locking and safety devices) are installed properly and are in good working order. **Do not operate the machine until unsafe conditions have been corrected.**

Always operate the engine only in a well-ventilated area and make sure that the air filters, air filter covers, and muffler are in good condition.

Always keep the machine clean and free of debris. Operate the machine in a safe and responsible manner. Exercise caution when fueling, working on or near rotating or moving components, hot components and fuel systems. Be aware of potential fire hazards and prevent sparks, exhaust, etc., from starting fires on the machine and/or work area.

Always comply with all instructions provided on any decals or placards installed on the machine and with any relevant amplifying information provided in this manual or other general operating procedures.

Always shut off the engine. Make sure that all controls are in a safe position and install all appropriate locking and safety devices before doing any of the following:

- Lubricating
- Adjusting
- Installing Tooling
- Making Repairs
- Performing Service

Trak Kut II Saw Safety Precautions

Always hold the tool with both hands, using a firm grip when activating and operating. Be sure to keep hands and other body parts clear and free from all moving parts.

Always connect hydraulic hoses to the tool before activating the hydraulic circuit on your power unit. Check that hydraulic couplers are secure before activating the circuit.

Always keep handles clean and dry.

Always disconnect tool from hydraulic source before inspection or cleaning.

Do not overreach. Maintain proper footing and balance at all times.

Never operate a tool that is damaged, improperly adjusted, or not completely and securely assembled.

At the work site, never carry the tool with the wheel rotating.

Rail Conditions

Personal Injury. Do not attempt to saw the rail if the rail clamp cannot be secured to the rail.

If the saw the clamp cannot be secured onto a rail due to worn roll over rail, prepare the rail by grinding off the roll over flow first so the saw clamp can be secured.

***Do not* use the saw if the saw clamp cannot be secured to the rail.**

Section 2: Specifications and Installation

Technical Specifications

Physical Data

Length:	38 in. (~0.965 m)
Width:	24 in. (~0.61 m)
Height, Work Mode:	20 in. (~0.51m)
Weight:	50 lbs. (~20.7 kg) 24.0 lbs

Mechanical Data:

Engine	2-Stroke, Single Cylinder, Air Cooled, 8.20 cu. in. Disp. / 2.531 Dia. Bore x 1.62 in. Stroke 7.8 hp @ 8000 rpm (4200 +/-250 rpm @ max.) / Model No. 82042
Starter	Manual Recoil
Fuel Type	Regular Unleaded Gasoline, Minimum 90 Octane
Fuel Capacity	2.19 US pints (1.04 Liters)
Fuel Filter	Tank Strainer and Carburetor
Oil Type:	Must meet 20cycle air cooled engine oil ISO grade requirements
Oil to Fuel Mix Ratio	6:1 [6 oz SAE 50 grade 2-cycle oil : 1 U.S. gallon 90 octane gasoline]
Fuel Pick-up Filter	Porous 100 Micron Polyethylene
Fuel filter, In line	Nylon -150 Micron Screen Type
Air Filter	Dry-Type Replaceable Element
Ignition	Solid state electronic w/ rpm limiter
Spark Plug	Resistor Type, Champion RL86C, NGK BR9HS
Spark Plug Gap	.030 in. (.50-.60mm) Air Gap
Coil Gap	010” (2.5 mm)

Performance Data

Production Rate:	1.5 minutes/cut @ 4200 R.P.M. 16-inch diameter wheel using generic brand blade on 132 lbs rail.
Governed Speed	8000 rpm ±250 rpm
Cutting Blade Speed	16-onch diameter blades are rated for maximum 4800 rpm
Maximum Blade Speed	4200 rpm ±400 rpm

Recommended Spare Parts

The following parts are commonly used consumable, wear and / or routine maintenance items. Racine Railroad Products recommends that these parts be stocked in the quantities indicated below to maintain your machine at peak performance.

Description	Part No.	Qty
BELT, DRIVE – TK II – 16” DIA. SAW BLADE	464344	1
FILTER, ENGINE AIR - PRIMARY	458290	1
FILTER, ENGINE AIR – PRE-CLEANER	385170	1
FILTER, ENGINE AIR – SCREEN	385994	1
CLEANER, FILTER SPRAY (15 OZ.)	462614	1
PLUG, SPARK	458576	1
WHEEL, CUT OFF 16” PREMIUM	460832	1
WHEEL, CUT OFF 16”	460831	1
OIL, 2-CYCLE PREMIX (PT)	462984	1
METAL STORAGE BOX	776810	1
METAL BOX LIFTING STRAP	462380	1

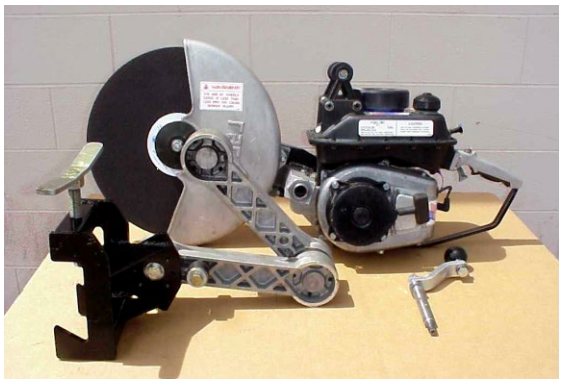
Initial Assembly

The Trak Kut II was tested after assembly at our factory. After assembly, the machine should receive a thorough In-Service inspection before initial operation.

If you do not feel qualified to perform this In-Service work yourself, contact a competent mechanic or the Racine Railroad Products Service Department for technical support.

After unpacking and inspecting the Trak Kut II, prepare it for service by:

- Fill the engine fuel tank.
- Check all aspects of the engine, arm and rail clamp.
- Check all controls for proper operation.
- Install the cutting blade.



Left Side

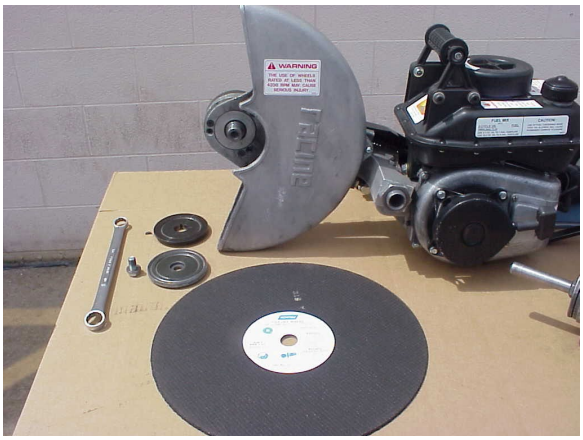
Right Side

Controls

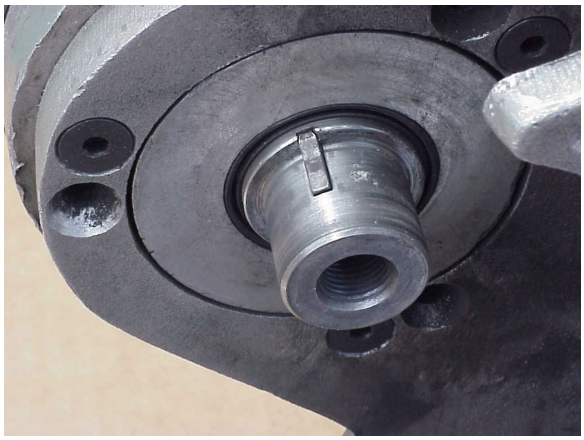
Hand Position

Section 3: Tool Operation

Blade Installation



Inner/Outer Flanges



Keyed Blade Spindle

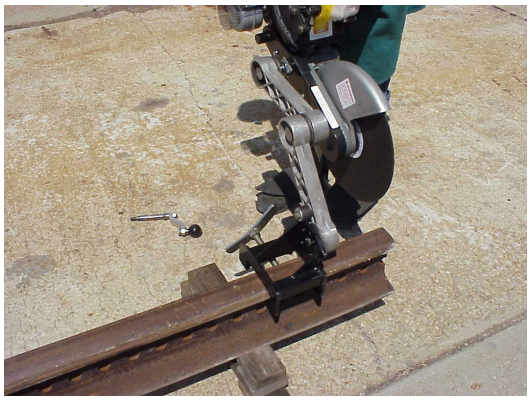
Inner Flange Installed

Saw Blade on Spindle

Outer Flange Installed

Setting up The Trak Kut II on a Rail

Saw Clamp on Rail



Mounted to Clamp

Saw Crank Installing

Adjust Safety Gear

Set for Lanyard Start

Daily Inspection

Before starting any cutting operation, perform a daily inspection.

Before operating the Trak Kut II saw, inspect the following and correct any problems as necessary:

- Check the general condition of the machine.
- Check that all guards and safety devices are installed and operational.
- Check that all controls are operational.
- Check that the rail clamp device is operational.
- Check that the ending fuel level is full.
- Check that the engine air filter element is clean and serviceable

Operating Instructions

The Trak Kut II can cut rail from both sides by turning the saw around and reinsert it in alignment with the same cut without moving the rail clamp thereby using most of the cutting blade.

The typical rail cutting time for 16-inch saws for a 132 lbs. rail is approximately 1.50 minutes.

Rail Conditions

⚠ CAUTION

Personal Injury. Do not attempt to saw the rail if the rail clamp cannot be secured to the rail.

If the saw the clamp cannot be secured onto a rail due to worn roll over rail, prepare the rail by grinding off the roll over flow first so the saw clamp can be secured.

***Do not* use the saw if the saw clamp cannot be secured to the rail.**

Rail Top Cutting Method

Rail Side Cutting Method

Engine Start

1. Toggle the Off switch back, opposite the OFF decal.
2. Pull the Choke out to the choke position.
3. Grasp the rope handle and slowly pull until resistance is felt.
4. Then pull rapidly to start engine and avoid kickback.

   Note: If the Choke is used, rev the Throttle trigger to RUN in a responsive manner as engine warms up.
5. Reset the choke after the engine is warm and accelerates smoothly.
6. Operate the engine at full throttle when cutting a rail.

Rail Cutting

1. Once the Trak Kut II is placed and clamped on the rail and all adjustments are made, start the engine and advance to full speed.
2. Start the cutting at the top of rail head by working the blade in an arc swinging motion using the arms and pivot shaft as a vantage factor.
3. Continue cutting through the rail web and rail base then release the engine throttle once the blade cuts the rail completely.
4. Turn the engine's off toggle switch toward the OFF decal before unclamping and moving the rail saw to the next location.

   Be aware of the engine and exhaust system and avoid personal contact with hot metal components.

Turned Around Cutting

5. Set the rail saw onto the track rail designated work area and clamp securely.
6. Restart engine and repeat the operation.

Finishing Rail Cut

Finished Rail Cut

Shut-Down Procedure

To safely transport and store the Trak Kut II perform a normal shut down.:

1. Stop engine with the OFF toggle switch and allow enough time to cool off the engine.
2. Disengage the rail clamp.
3. Prepare the unit for transport.

Emergency Shut Down

In the event of any malfunction, **immediately shut off the engine** and correct the problem.

Section 4: Maintenance

Maintenance

Do not perform maintenance on the Trak Kut II while the engine is running

Make sure that the following safety devices are installed on the Trak Kut II saw:

- The fuel tank cap is properly installed.
- The rail clamp is secure.
- The rail saw blade is installed properly.

Fueling and Lubrication

At a minimum, perform the following routine daily maintenance on the Trak Kut II saw to keep it in good working condition.

Do not perform maintenance on the Trak Kut II while the engine is running.

Fill fuel tank outdoors or in a well-ventilated area, away from sparks, open flames, pilot lights, heat and other ignition sources. If fuel spills, wait until it evaporates before starting the engine.

Turn the engine OFF and let it cool at least two minutes before removing the gas cap. Replace the gas cap before starting.

Do not use gasoline that contains methanol. Some fuels, called oxygenated or reformulated gasoline, are gasoline blended with alcohols or ethers. Excessive amounts of these blends can damage the fuel system or cause performance problems.

If any undesirable operating symptoms occur, use gasoline with a lower percentage of alcohol or ether.

Grease Type and Locations

Permanently sealed bearing and self-lubricating bushings are used extensively on the Trak Kut II saw to reduce daily maintenance. Make sure that all bearings and moving parts are properly lubricated.

Engine fuel type and location

The engine mounted fuel tank holds 2.18 US pints. Use clean, fresh regular unleaded gasoline with a minimum of 90 octane.

Fresh fuel prevents gum from forming in the fuel system or the essential carburetor parts. Purchase fuel in quantity that can be used within 30 days.

Carburetor Adjustment

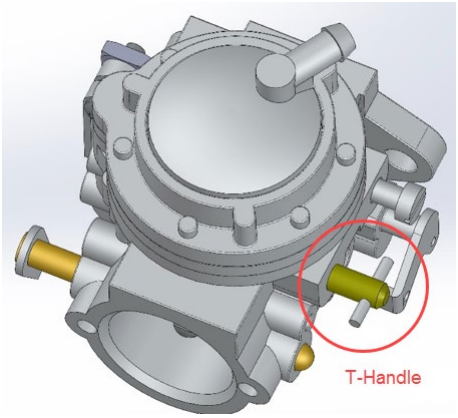
1. Turn the T-handle carburetor adjusting needle in all the way clockwise to reset.
2. Turn the needle out counter-clockwise two full turns for first start-up.
3. Start the unit and let it warm up.

   Note if the unit shuts down after releasing the throttle trigger.

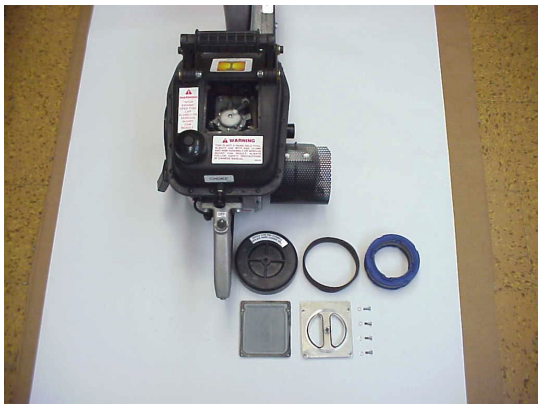
   If unit continues to run, adjust the throttle linkage at the carb until the saw shuts down when releasing the throttle trigger

   Attach an rpm gauge to the unit and note the rpm. The saw should be set @ 8400 rpm.

   Adjust the carb needle in or out to reach this setting.



Trak Kut II Maintenance Parts



Air Filtration Kit

Carburetor & Fuel Filters

Air Filter Screen

Base Plate & Fasteners

Air Filter & Pre-Cleaner

Air Filter Cover

Troubleshooting Guide

Problem	Possible Cause	Resolution
Engine misses	Dirt in fuel system.	Thoroughly clean fuel tank and replace both primary and secondary filters. Fill fuel tank with proper pre-mixed fuel mixture. **6 ounces** of 2-cycle oil (BIA-TCW) low ash or equivalent to **1 gallon** of regular gasoline or 30 ounces to 5 gallons of gasoline.
	Carburetor out of adjustment.	See Carburetor Adjustment.
	Spark plug fouled.	Replace spark plug with L86C Champion spark plug or equivalent.
Engine lacks power	Air cleaner clogged.	Replace air filter and clean pre-cleaner.
	Carburetor out of adjustment.	See Carburetor Adjustment.
	Incorrect spark plug.	Install proper spark plug using L86C Champion spark plug or equivalent.
	Poor compression.	Overhaul engine or replace with new engine assembly.
	Belt slipping.	Replace with RRP# 464344 belt. Exact replacement available only from Racine Railroad Products).

Problem	Possible Cause	Resolution
Engine fails or is difficult in starting.	No fuel in tank.	Fill fuel tank with the proper pre-mixed fuel mixture 6:1. **6 ounces** of 2-cycle oil (BIA-TCW) low ash or equivalent to **1 gallon** of regular gasoline or 30 ounces to 5 gallons of gasoline.
	Fuel line or filter clogged.	Clean fuel line or replace fuel filter.
	Flooded.	Open choke and crank until engine starts.
	Spark plug fouled.	Replace spark plug with L86C Champion spark plug or equivalent
	Coil to flywheel-air gap out of adjustment.	Reset air gap to .010”
	Water in fuel or stale fuel mixture.	Replace with proper pre-mixed fuel mixture. **6 ounces** of 2-cycle oil (BIA-TCW) low ash or equivalent to **1 gallon** of regular gasoline or 30 ounces to 5 gallons of gasoline.
	Too much oil in fuel mixture.	Replace with proper pre-mixed fuel. **6 ounces** of 2-cycle oil (BIA-TCW) low ash or equivalent to **1 gallon** of regular gasoline or 30 ounces to 5 gallons of gasoline.
	Carburetor out of adjustment	See Carburetor Adjustment.
	Gasket leaks (scavenger plates or crankcase cover).	Replace gaskets as needed.
	Seal leak (crankcase seal).	Replace seal with exact replacement.
	Broken or bent reed plate (dirt in reed plate).	Clean or replace reeds or plate assembly.
Engine noisy or knocking.	Loose flywheel.	Tighten flywheel nut.
	Incorrect spark plug causing carbon build-up.	Install correct spark plug using L86C Champion spark plug or equivalent and clean carbon deposits from exhaust ports, using ONLY a wooden scraper.
	Worn bearings or loose connecting rod.	Overhaul engine or replace with new engine assembly.

Problem	Possible Cause	Resolution
Engine overheats	Insufficient oil in fuel ***Do not*** mix batch with mixed fuel presently in container. Start fresh each time.	Fill fuel tank with proper pre-mixed fuel mixture. **6 ounces** of 2-cycle oil (BIA-TCW) low ash or equivalent to **1 gallon** of regular gasoline or 30 ounces to 5 gallons of gasoline.
	Carburetor adjustment incorrect.	Adjust carburetor correctly. See Carburetor Adjustment.
	Incorrect spark plug.	Install proper spark plug using L86C Champion spark plug or equivalent.
Poor acceleration	Carburetor out of adjustment.	See Carburetor Adjustment."
	Broken or bent reeds.	Replace reeds with exact replacement part.
	Leaking engine gaskets. Low compression in crankcase.	Replace reeds with exact replacement parts.
	Exhaust restriction **Do not** use metal scraper when removing carbon from exhaust ports.	Clean carbon from exhaust ports using only a ***wooden*** scraper.
Poor high-speed performance	Carburetor out of adjustment.	Adjust to proper setting and speed See Carburetor Adjustment.
	Low compression. Check for broken or worn rings or leaky head gasket.	Replace needed gasket or overhaul engine using exact replacement parts.
	Pre-ignition.	Turn ignition switch to OFF.
	Dirty or incorrect spark plug.	Replace spark plug using plug using L86C Champion spark plug or equivalent.
	Excessive back pressure from muffler.	Clean muffler or replace with exact replacement part.
	Excessive carbon or foreign matter in combustion chamber.	Clean and remove carbon using extreme care not to damage or gouge head or cylinder wall.
	Carburetor adjustment too lean.	Adjust carburetor to proper setting. See Carburetor Adjustment.
	Carburetor icing. Snow or ice in carburetor bore causes richness and smoking and poor power. **Do not lean out** to compensate as the adjustment will be too lean when thawed out.	Clean out foreign material

Problem	Possible Cause	Resolution
Engine stalls under load	Carburetor adjustment too lean	Adjust carburetor to proper setting and speed. See Carburetor Adjustment.
	Fuel pump not working properly. Worn diaphragm.	Rebuild carburetor using correct replacement parts kit.
	Fuel line restricted.	Clean or replace fuel line using exact replacement.
	Tank vent inoperative.	Replace with correct tank fuel cap. Available only from Racine Railroad Products.
	Manifold or carburetor gaskets installed incorrectly.	Correctly install proper gaskets noting location of vacuum hole.
	Improper belt or belt slipping.	Tighten belt to proper tension with RRP# 710988 belt tension gauge or install.
	Improper wheel or glazed wheel. Side surfaces become glazed or smooth. Glazing normally occurs through improper use of saw. **Do not** continue cutting with bad wheel.	Install proper wheel RRP# 460832 16” abrasive wheel

Section 5: Parts and Service Support

Telephone and web-based technical support is available for current production models through our Technical Service Department. Service Manuals and limited technical support may be available for models that are no longer in production.

Telephone and E-mail Technical Support

Telephone and E-mail technical support is available on normal U.S. business days from 8:00 AM to 5:00 PM U.S. Central Time Zone (GMT +6 (+5 Daylight Savings Time)). Contact us at:

Phone: (262) 637-9681

E-mail: techserv@racinerailroad.com

Non-Warranty Technical or Field Service Support

Depending upon the circumstances and availability of technical service personnel, we may provide technical assistance and/or field service support, *at the customer's expense*, to assist in the correction of non-warranty related problems. Contact our Technical Service Department to coordinate Non-Warranty Technical or Field Service Support.

Warranty Technical or Field Service Support

Depending upon the circumstances and availability of technical service personnel, we may provide technical assistance and/or field service support, *at no charge to the customer*, to assist in the correction of warranty related problems. Contact our Technical Service Department to coordinate Warranty Technical or Field Service Support.

Warranty Parts & Service

Warranty parts and service are coordinated through our Technical Service Department.

Warranty Parts Claims

Material claimed to be defective must be returned to our factory for evaluation. Defective materials will be replaced, or your account will be credited if replacement materials have already been purchased. Please contact our Technical Service Department at the address provided below if you have any questions or problems.

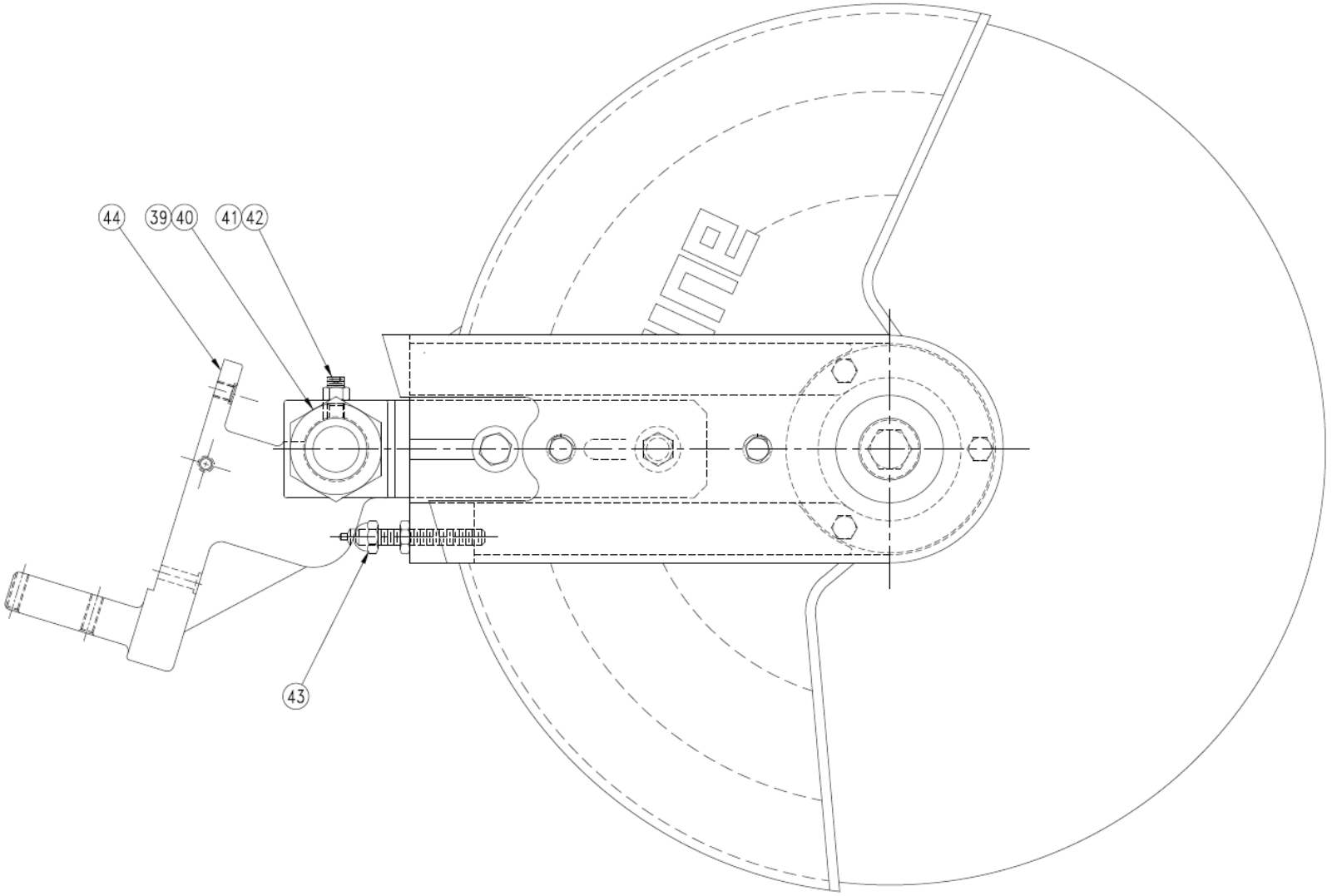
Warranty Service Support

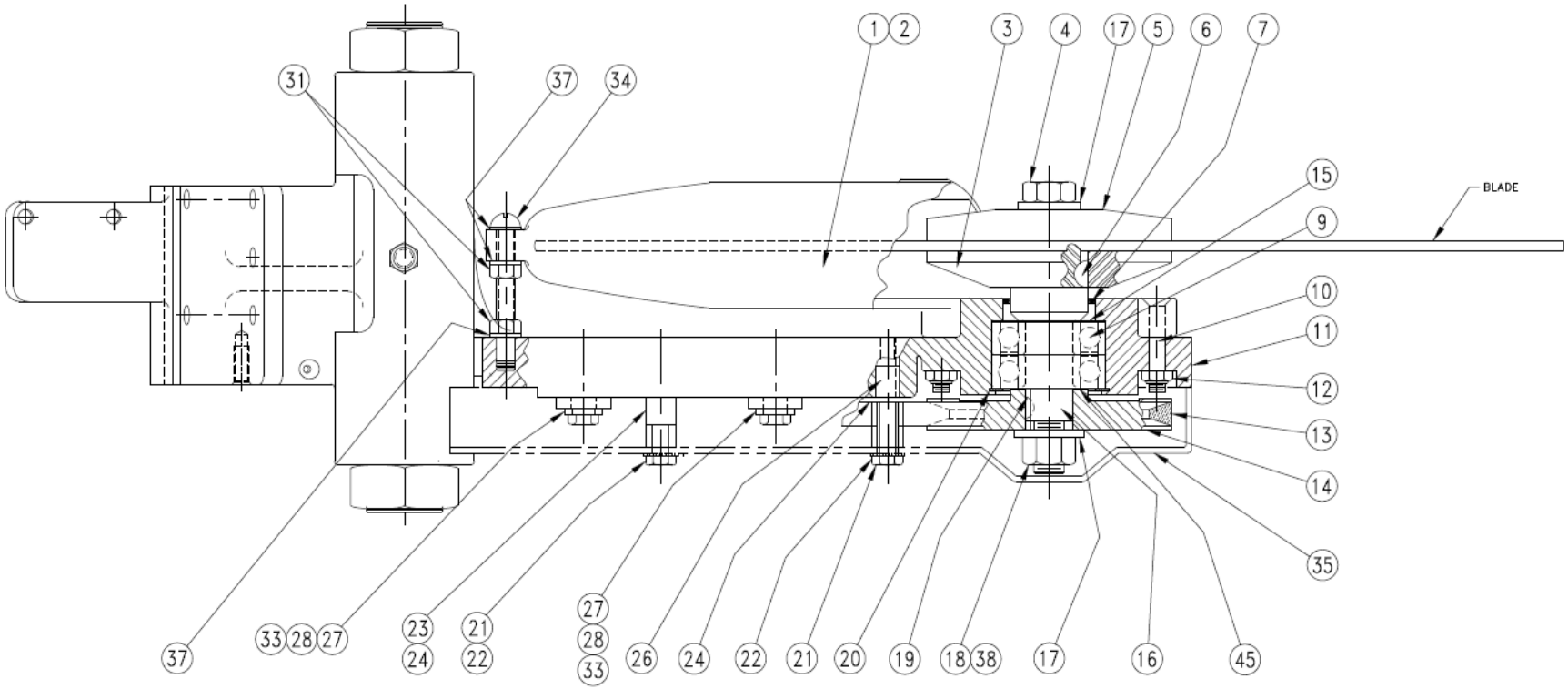
Depending upon the circumstances and availability of technical service personnel, we may provide technical assistance and/or field service support, at no charge to the customer, to assist in the correction of warranty related problems. Contact our Technical Service Department at the address provided below to coordinate Warranty Technical or Field Service Support.

Trak Kut II Saw / RRP# 910084 Common Spare Parts

Description	RRP Part Number
Engine	792341
Belt	464344
Air Filter	458290
Pre-cleaner	385170
Screen Filter	385994
Spark Plug	458576
2-cycle Oil	462984
Metal Box	776810
Carb + Coil Kit	792715
Clamp	714110
Recoil	711335

Arm, Support / RRP# 714036 [Rev 5 (9.2005)]

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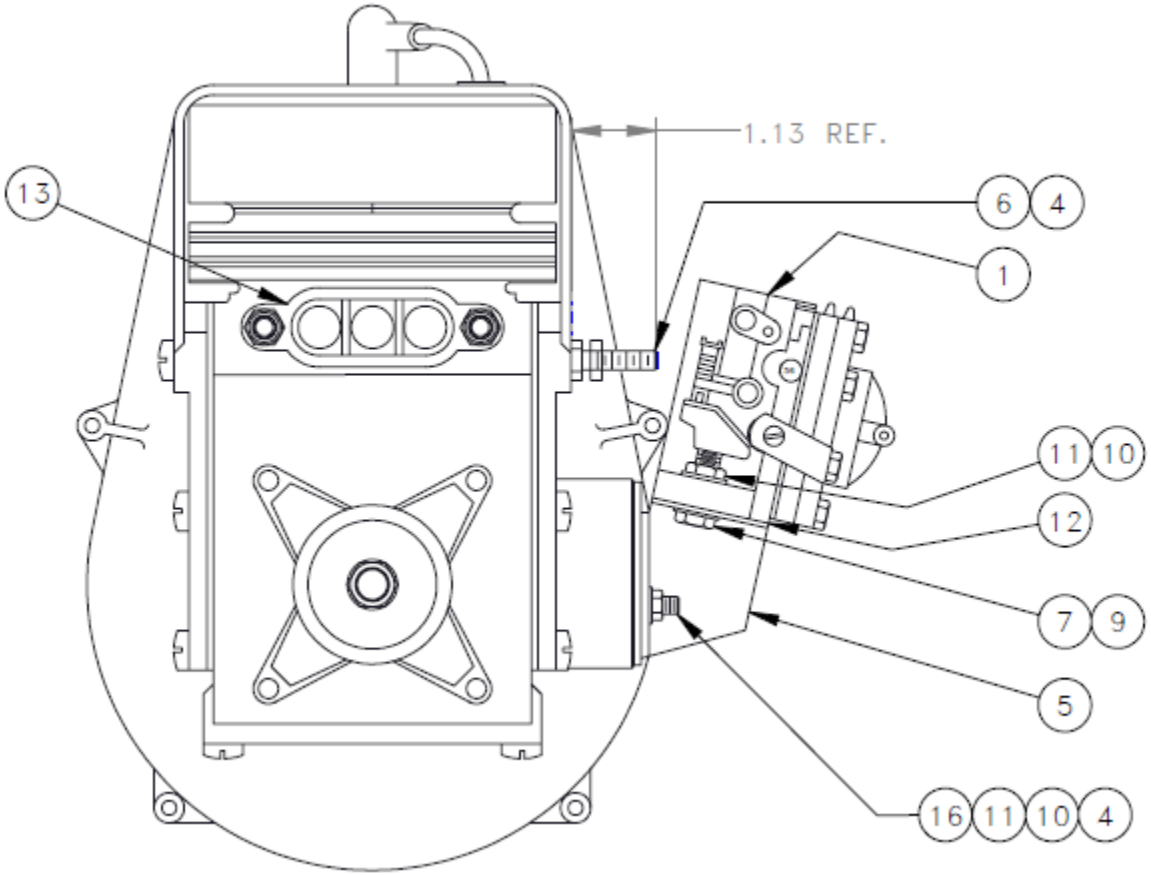
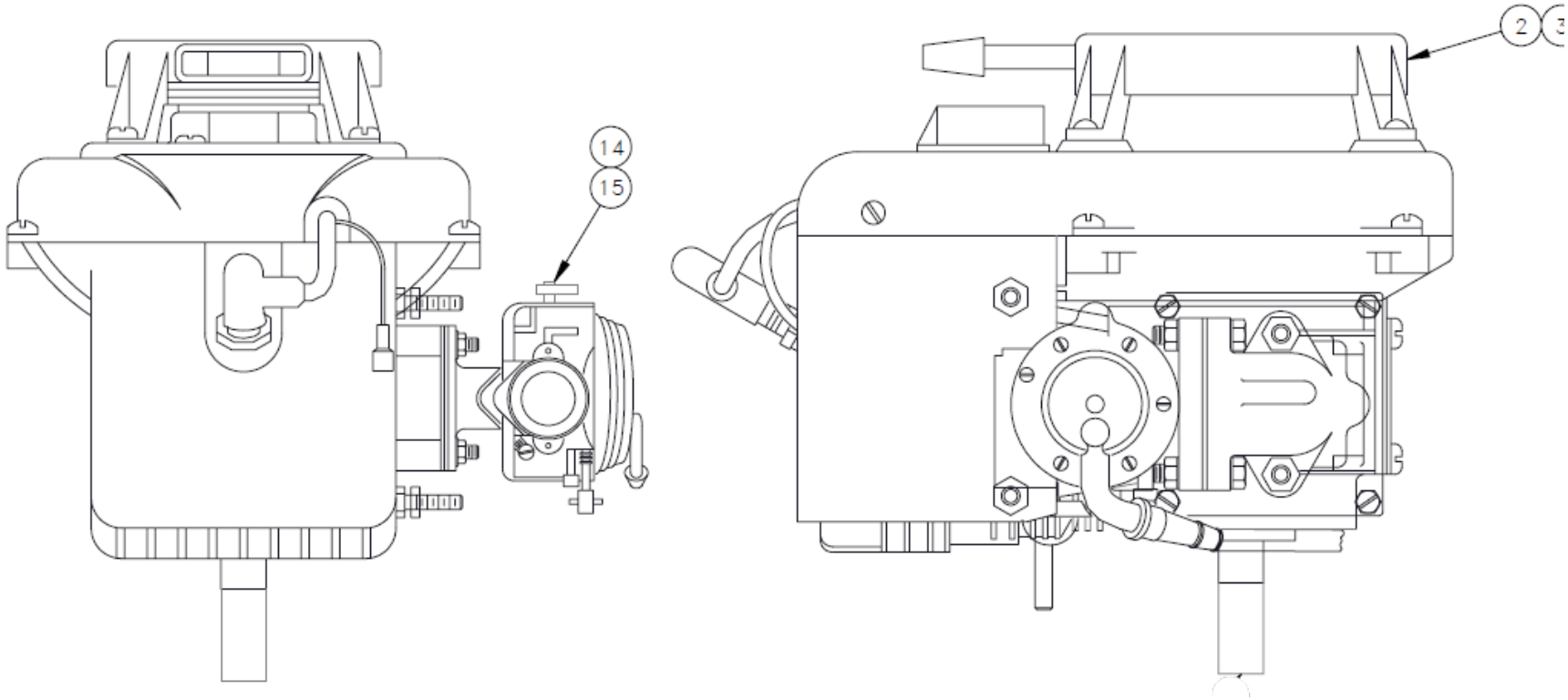
Arm, Support / RRP# 714036 Parts List

NO.	QTY.	DESCRIPTION	PART NO.
1	1	GUARD, 16" BLADE	390773
2			
3	1	FLANGE, INNER	285090
4	1	SCR, HEX: .5-20 X 1	491818
5	1	FLANGE, OUTER	285089
6	1	KEY, WOODRUFF: #404	401117
7	1	SEAL, SHAFT: 1.250 ID	458307
8			
9	2	BRG, BALL: .78 ID	457435
10	3	SCR, SOC FLT: .25-20 X 1.5	491333
11	1	ARM, SUPPORT	394038
12	3	NUT, HEX ES JAM: .25-20 HVY	404282
13	1	BELT, 3VX400	464344
14	1	PULLEY	384156
15	1	WASHER, SPRING: 1.4	457440
16	1	SPINDLE	393945
17	2	WASHER, FLT: .5	454817
18	1	NUT, HEX JAM: .5-20 LH	491819
19	1	KEY, WOODRUFF: #213	491137
20	1	RING, RETAINING	401239
21	2	SCR, HEX: .25-20 X 1.5	400689
22	2	WASHER, LOCK: .25	400917
23	1	SPACER	394537
24	2	O-RING, .234 ID X .139 W	491142
25			
26	2	INSERT, THD: .25-20	491190
27	2	WASHER, FLT: .38	454778
28	2	SCR, HEX: .38-16 X 1.25	400713
29			
30			
31	2	NUT, HEX JAM: .25-20	401022
32			
33	2	WASHER, LOCK: .38	400907
34	1	SCR, RD: .25-20 X 2	491500
35	1	GUARD, BELT	457431
36			
37	3	WASHER, LOCK: .25	408528
38	AR	LOCTITE, 609	008804
39	2	NUT, HEX JAM: 1.25-12	491805
40	1	TUBE, ADJUSTMENT	394037
41	1	NUT, HEX: .31-18	491173
42	1	SCR, SOC SET: .31-18 X .75	400868
43	1	ADJUSTER, SUPPORT ARM	714050
44	1	SUPPORT, ARM	394041
45	1	SHIM, ARBOR: .030 THK	491570

Engine, USMP 82042 / RRP# 711774 [Rev 6 (6.2014)]



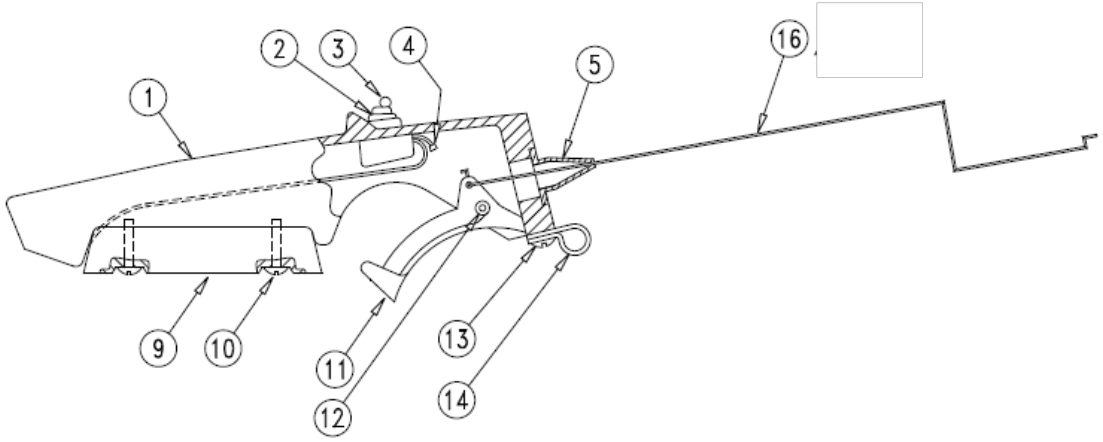

14
15
2
3

Engine, USMP 82042 / RRP# 711774 Service Parts

NO.	QTY.	DESCRIPTION	PART NO.
4	AR	LOCTITE, 620	008803
5	1	ELBOW, CARB	285097
6	2	STUD	387433
7	2	WASHER, FLT: .25	401626
8	1	KEY, WOODRUFF: #506	404194
9	2	SCR, HEX: .25-20 X .88	405145
10	4	NUT, HEX: .25-20	407521
11	4	WASHER, LOCK: .25	408528
12	1	GASKET, CARBURETOR	458338
13	1	GASKET, EXHAUST	458339
14	1	ARM, THROTTLE	458470
2	1	COIL	467717
1	1	CARBURETOR	471177
17	1	CRANKSHAFT, PTO	473921
15	1	NUT, SQ: 10-24	491237
16	1	STUD	491371
3	1	STARTER	711335

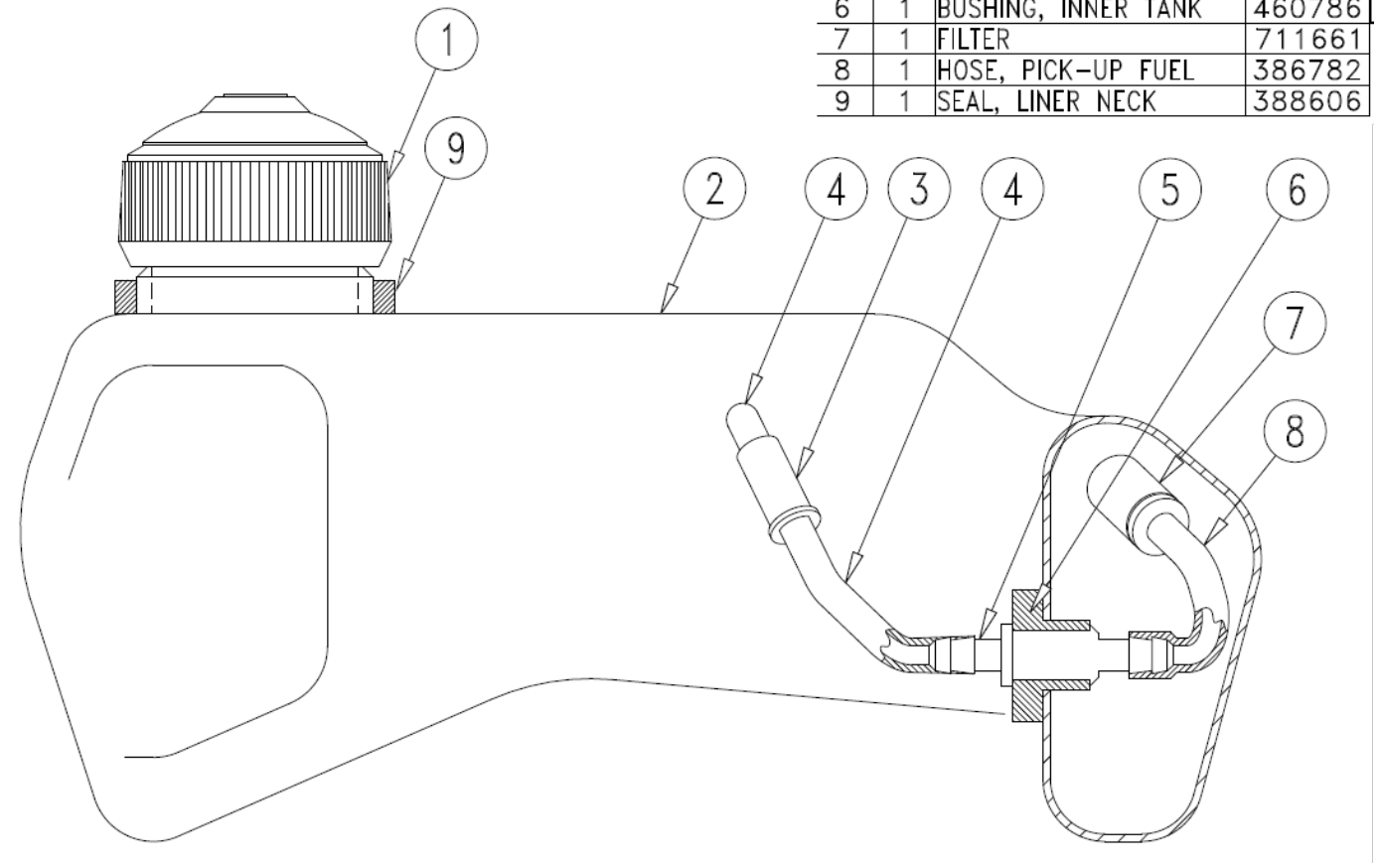
Handle / RRP #714037 [Rev 2 (6.2003)]

NO.	QTY.	DESCRIPTION	PART NO.
1	1	HANDLE, OPERATING	285085
2	1	SEAL, SWITCH	459603
3	1	SWITCH, TOGGLE: 2 POS SPST	458300
4	1	TERM, WIRE: 22-18 GA .25 SPADE(F) INS	458303
5	1	BOOT, THROTTLE WIRE	385168
6			
7			
8			
9	1	GRIP, HANDLE	458288
10	2	SCR, PAN: 10-24 X .75	491201
11	1	TRIGGER	285084
12	1	PIN, ROLL: .19 X 1.25	401722
13	1	SCR, RD: 8-32 X .38	401612
14	1	CLAMP, HOSE: .19 DIA	458334
15			
16	1	WIRE, THROTTLE	386894

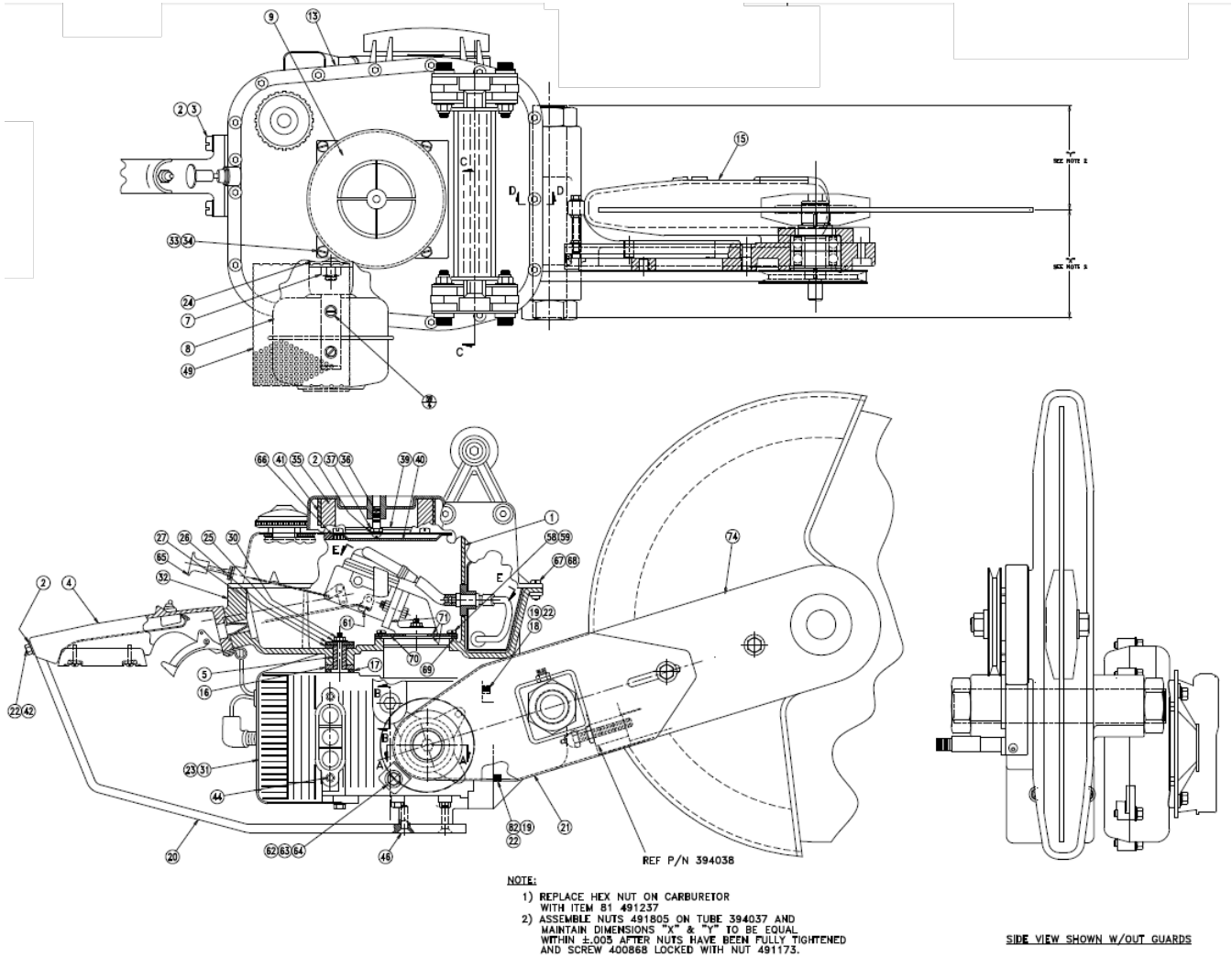


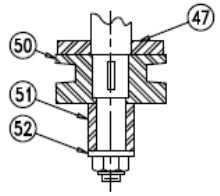
Tank, Inner / RRP# 712052 [Rev 1 (9.2002)]

NO.	QTY.	DESCRIPTION	PART NO.
1	1	CAP, FUEL	460635
2	1	TANK, INNER	460806
3	1	FILTER, FUEL	458302
4	2	HOSE, FUEL LINE	386865
5	1	UNION, #4 HOSE BARB	460789
6	1	BUSHING, INNER TANK	460786
7	1	FILTER	711661
8	1	HOSE, PICK-UP FUEL	386782
9	1	SEAL, LINER NECK	388606

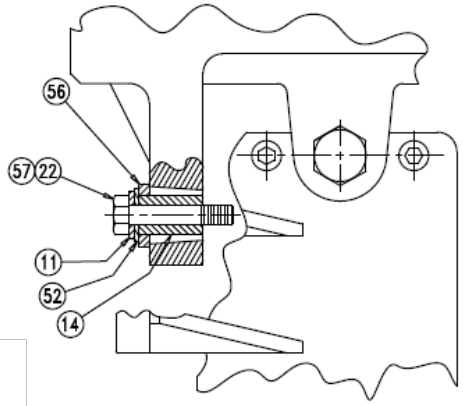


Trak Kut II Saw / RRP# 713994 [Rev 14 (7.2019)]

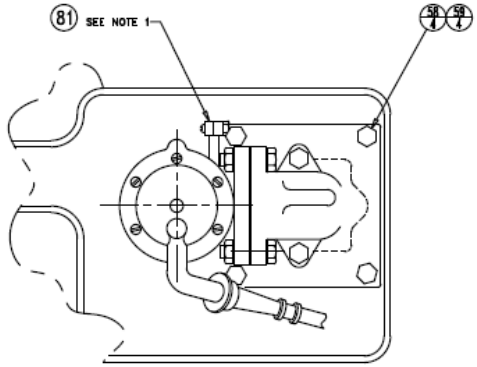




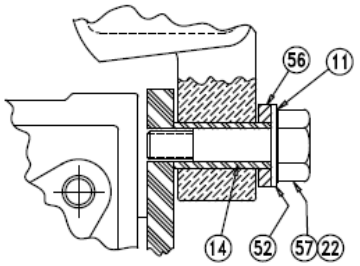
Section "A–A"



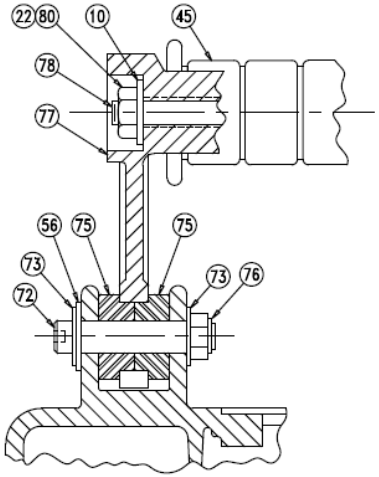
Section "B–B"



Section "E–E"



Section "D–D"



Section "C–C"

Trak Kut II Saw / RRP# 910084 Parts List

NO.	QTY.	DESCRIPTION	PART NO.
1	1	TANK, INNER	712052-C
2	6	WASHER, LOCK: .25 EXT	491213
3	4	SCR, THD CUT: .25-20 X 1	491369
4	1	HANDLE	714037
5	2	SLEEVE	385157
6			
7	2	NUT, HEX LOCK: .31-18	491221
8	1	MUFFLER	465379
9	1	COVER, AIR FILTER	388376
10	2	WASHER, FLT: .25	401619
11	2	WASHER, LOCK: .31	400914
12	1	NUT, LOCK .44-20 LH	491248
13	1	TANK, UPPER	388591
14	2	SLEEVE	387091
15	1	ARM, SUPPORT	714036
16	1	PAD, VIBRATION DAMPNER	385088
17	1	SPACER	387438
18	2	SCR, SOC: .25-20 X 1.38	491916
19	4	WASHER, LOCK: .25	491701
20	1	BRACE, HANDLE	388766
21	1	GUARD, PULLEY	778319
22	AR	LOCTITE, 609	008804
23	1	ENGINE, 2 CYCLE GAS	711774
24	REF	GASKET, MUFFLER	458339
25	1	CLIP, LOCK	385181
26	1	PAD, RETAINER	385180
27	1	PAD, VIBRATION	385179
28	2	WASHER, FLT: .44	491276
29			
30	2	NUT, HEX: .25-20	407521
31			
32	1	TANK, LOWER	388590
33	4	SCR, PAN: 8-32 X .5	491490
34	4	WASHER, LOCK: #8	409451
35	1	FILTER, AIR	458290
36	1	SCR, TRUSS: .25-20 X 1.25	491215
37	1	NUT, HEX JAM: .25-20	401022
38			
39	1	PLATE, BASE	385077
40	1	FILTER, AIR	385994
41	1	PRE-CLEANER, AIR FILTER	385170
42	1	SCR, PAN: .25-20 X .75	491200
43			
44	2	STUD, .31-18 X 1.31	491286
45	1	GRIP, .88 ID X 4.31 LG	458308
46	2	SCR, SOC FLT: .25-20 X 1	400847
47	1	SEAL, DUST	386362
48			
49	1	GUARD, MUFFLER	394067
50	1	PULLEY, CRANKSHAFT	318234
51	1	SPACER, SLEEVE	317795
52	1	WASHER, FLT: .38	401621
53	1	SCR, HEX: .31-24 X .75 LH	317801
54	1	KEY, SQ: .19 X .62	462192
55			
56	6	WASHER, FLT: .44 URETHANE	385158
57	2	SCR, HEX: .31-18 X 1.25	400692
58	4	WASHER, LOCK: .19	400915
59	8	SCR, SEL TPG: 10-24 X .5	491315
60			
61	1	COVER, IDLER SCREW	385896
62	1	SCR, HEX: .31-18 X .75	400696
63	1	WASHER, FLT: .31	491259
64	1	WASHER, LOCK: .31	400908
65	1	CONTROL, CHOKE	387080
66	4	INSERT, THD: #8-32	491491
67	17	SCR, SOC BUT: 10-32 X .62	403159
68	17	NUT, HEX ES: 10-32	405564
69	1	GASKET	387078
70	1	PLATE	387079
71	1	GASKET, CARBURETOR	458338
72	4	SCR, SOC SHLD: .38 X 1.25	491181
73	8	WASHER, FLT: .39	387087
74			
75	8	GROMMET, .38 ID	460029
76	4	NUT, HEX ES: .31-18	450578
77	2	HANDLE, TANK	460038
78	1	SCR, HEX: .25-20 X 6	491367
79	1	CLIP, LOCK	389050
80	1	NUT, HEX ES JAM: .25-20	491316
81	1	NUT, SQ: 10-24	491237
82	2	SCR, SOC: .25-20 X 1.75	491917