



18 INCH TRENCHER ASSEMBLY GUIDE  
MODEL: **OPT118**  
18 INCH TRENCHER

**DK2 POWER USA**

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18 IN CUTTING DEPTH  
AUTO DRIVE AUGER  
KOHLER ENGINE

**18 INCH TRENCHER – KOHLER 7HP**

# OPT118



**STEP 1:**

Open and unpack all items. Leave lots of working space.  
Inspect all parts.  
The Trencher is shipped in a crate. Leave the sides folded down and use as your work space.



NOTE: UPON INSPECTION OF PARTS IF YOU FIND ANY DAMAGE OR MISSING PARTS PLEASE CALL DK2 POWER AT **702-331-3535** OR CONTACT US VIA OUR WEBSITE [WWW.DK2POWER.COM](http://WWW.DK2POWER.COM)  
WE WILL REPLACE ANY DAMAGED or MISSING PARTS TO YOU FREE

**PLEASE DO NOT RETURN TO THE STORE**

**STEP 2:**

1. Assemble the handle first.

INSTALL with hardware that is supplied for the handle



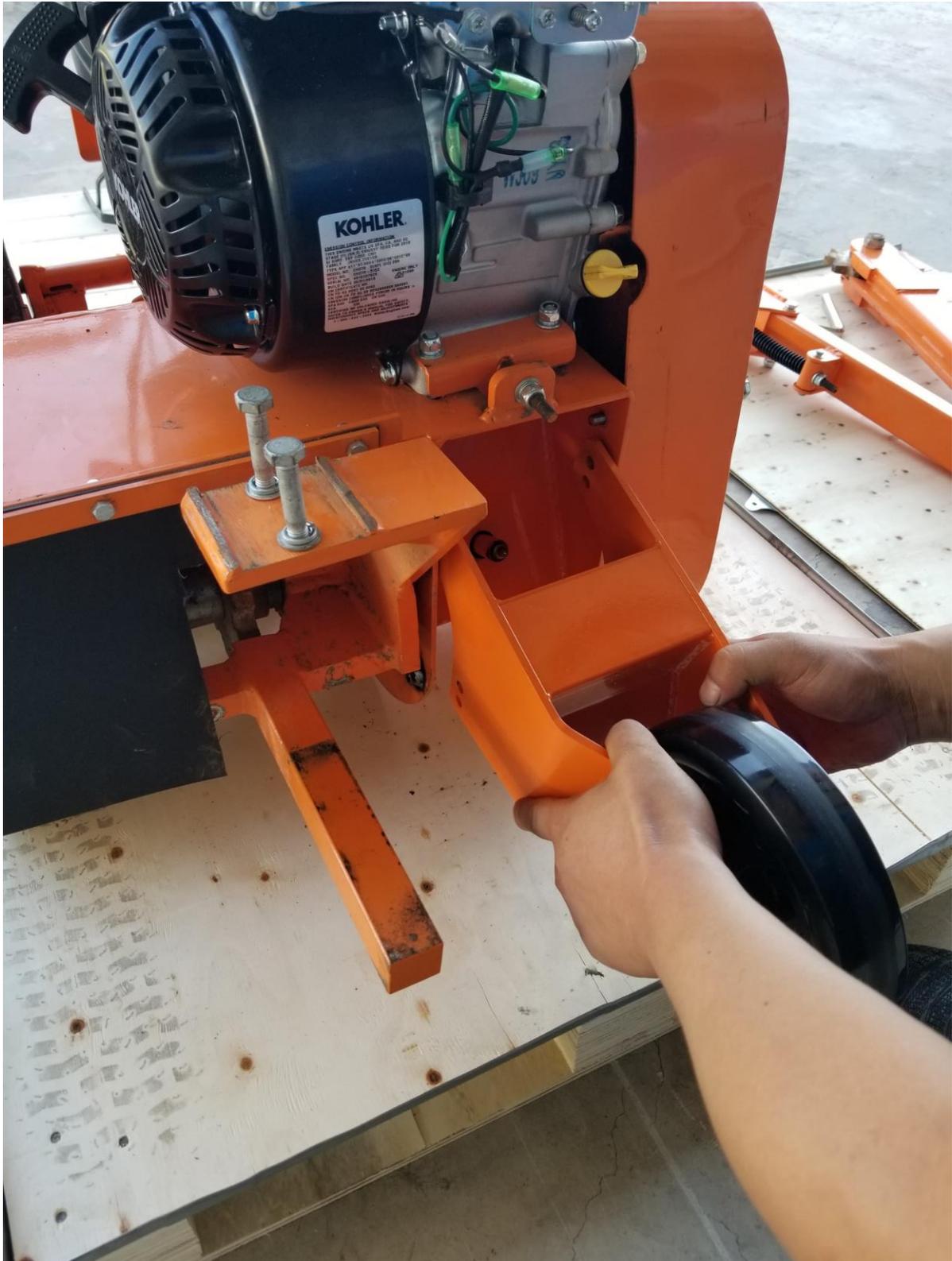
**STEP 3:**

**1. ATTACH THE DEPTH CONTROL HANDLE**

**SLIDE HANDLE ONTO MOUNTING  
POST AND BOLT TOGETHER**



1. INSTALL THE TROLLEY WHEEL WITH THE BOLTS SUPPLIED IN THE TROLLEY WHEEL MOUNTING HOLES

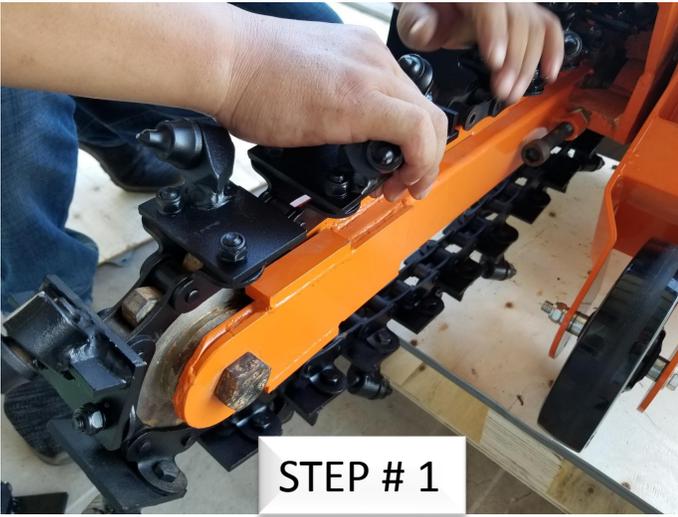


**STEP 5:**

1. SLIDE CHAIN DRIVE BAR ONTO SUPPORT AS SHOWN. THE CAP HEAD BOLTS WILL BE TIGHTENED LATER AFTER THE CHAIN IS INSTALLED



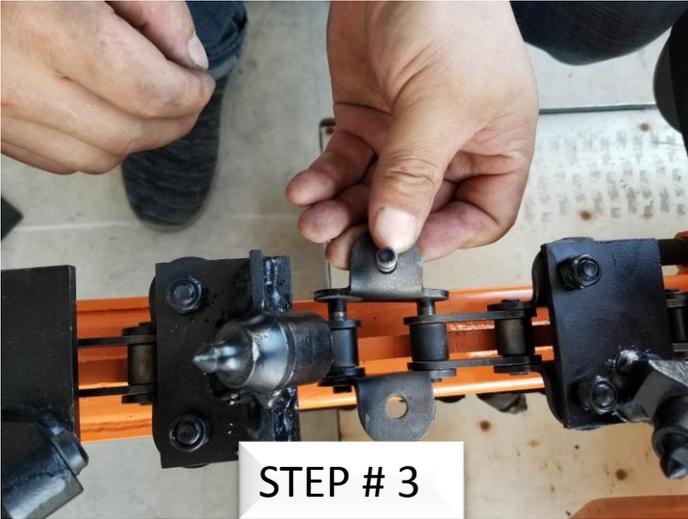
**STEP 6: INSTALL THE CHAIN**



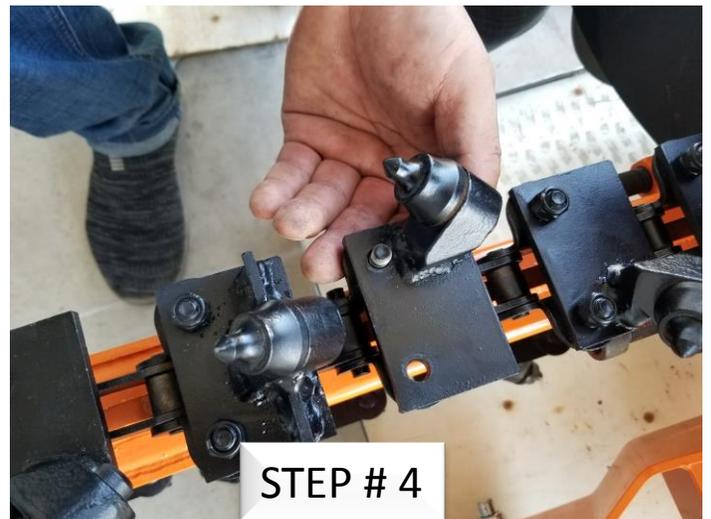
**PLACE THE CHAIN ON SPROCKETS**



**INSTALL CHAIN PLATE WITH PINS**



**INSTALL CHAIN PLATE JOINT**



**BOLT THE BLADE HOLDER ON**



**FINISH BLADE HOLDER INSTALL**



**TIGHTEN ALL BOLTS**

**STEP 7:**

1. INSTALL SAFETY BAR WITH 2 BOLTS PROVIDED IN THE MOUNTING HOLES

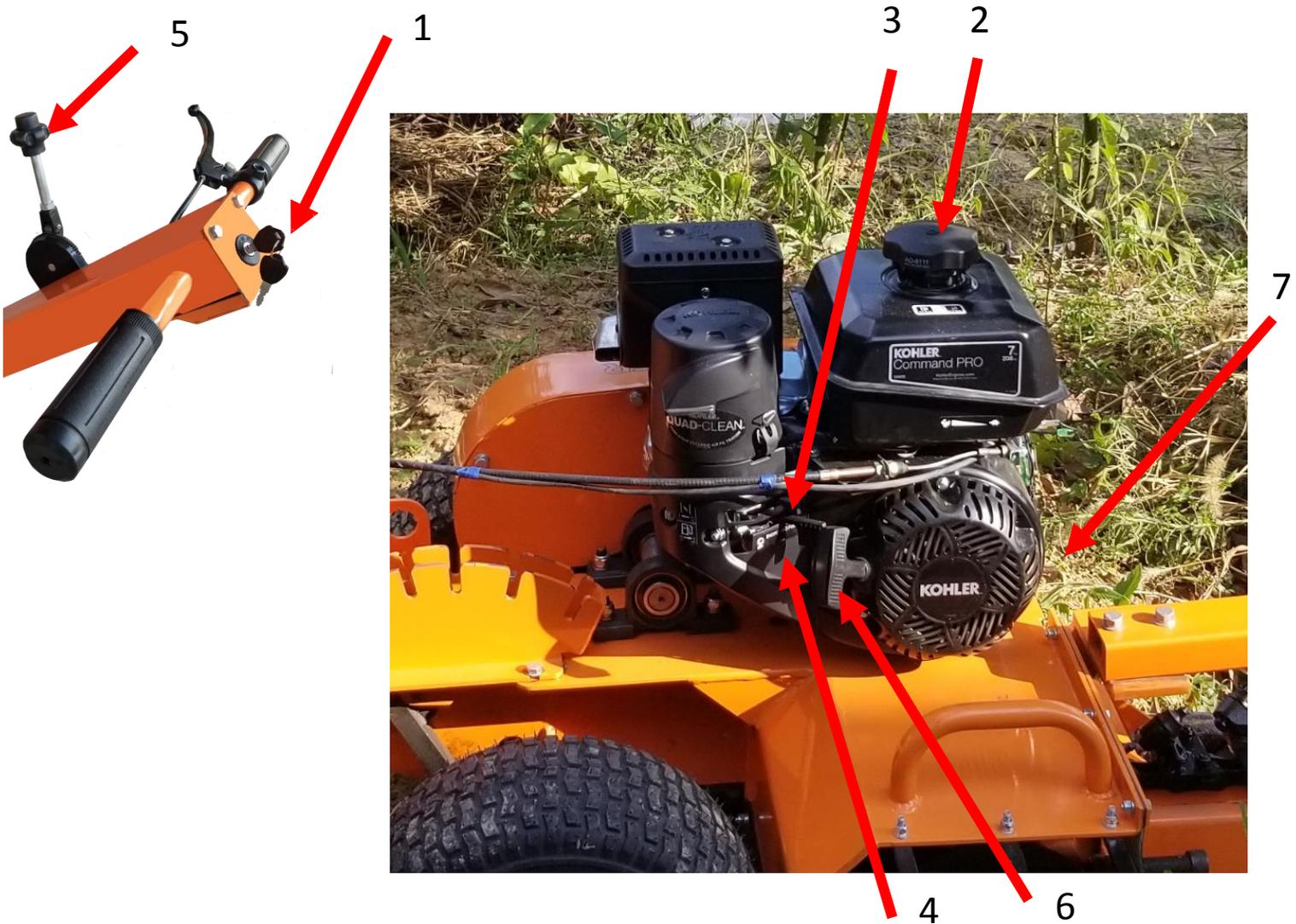


**STEP 8:**

1. INSTALL AUGER GUARD WITH BOLTS PROVIDED IN THE MOUNTING HOLES.



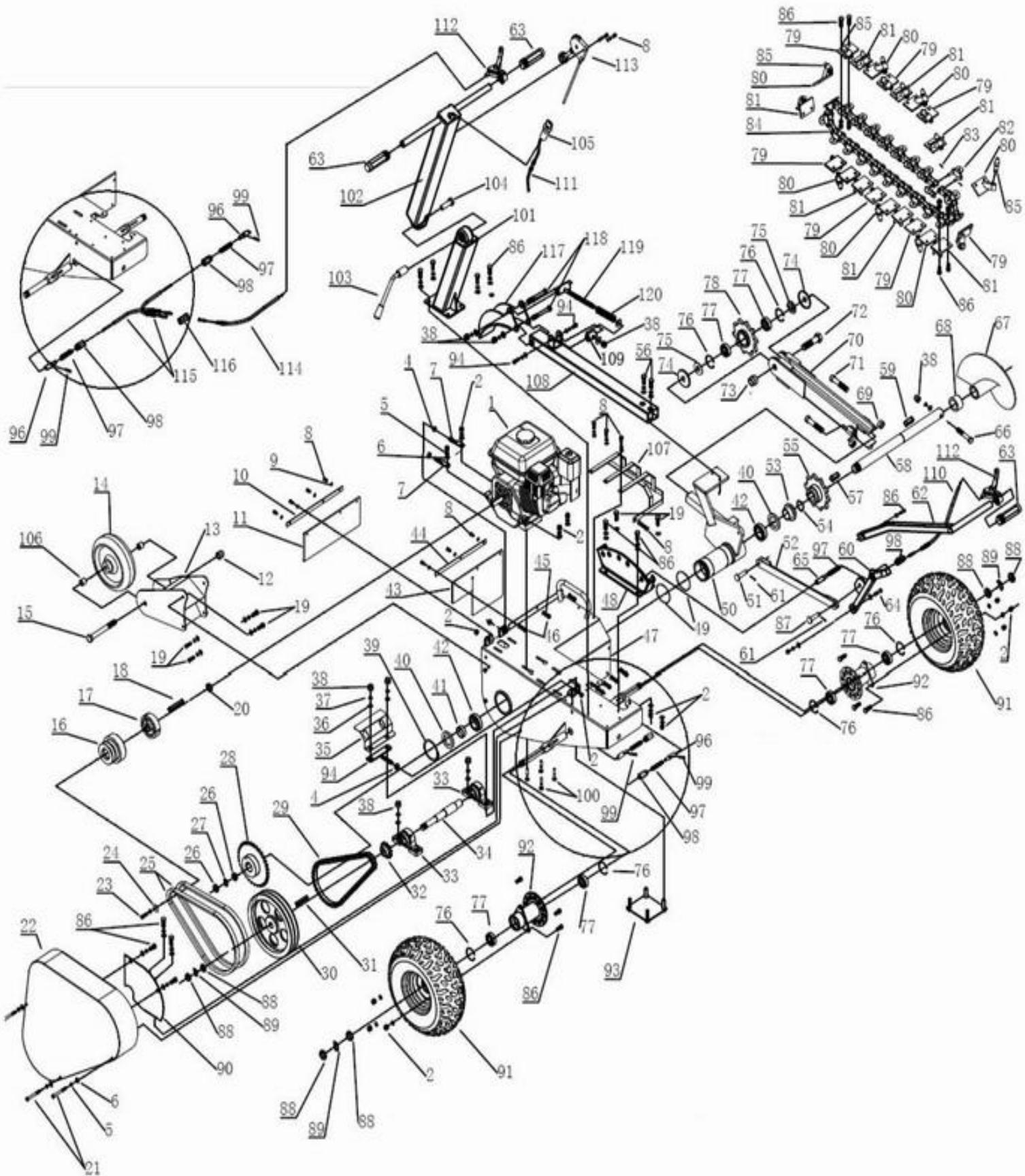
READ THE ENGINE MANUAL SUPPLIED WITH YOUR UNIT FOR FULL ENGINE OPERATION, SAFETY, AND MAINTENANCE.



1	ON/OFF KEY LOCK
2	GAS – USE MID GRADE OR HIGHER
3	CHOKE – LEFT IS ON / RIGHT IS OFF (RUN POSITION)
4	GAS ON/OFF SWITCH – LEFT IS OFF / RIGHT IS ON
5	THROTTLE – RABBIT FAST / TURTLE SLOW
6	PULL STARTER – PULL TIGHT- THEN PULL START
7	OIL – FILL TO MARK 10W30, WILL NOT START IF OIL IS LOW, HAS LOW OIL SHUTOFF PROTECTION. 2 YELLOW CAPS ARE OIL FILL CAPS. USE EITHER ONE TO FILL OIL.

**STEP 5:**

**1. INSTALL TOW BAR, SECURE HITCH PIN SPRING LATCH.**



**STEP 5:**

ITEM	NAME	ITEM.	NAME.	ITEM..	NAME..	ITEM...	NAME....
1	engine	31	key	61	cotter pin	91	tire
2	M8locknut	32	small sprocket	62	rocker	92	Axle sleeve
3	N/A	33	Mounted Bearing	63	handlebar grip	93	bearing adjuster
4	M8nut	34	Transmission shaft	64	M10x45bolt	94	bearing adjuster
5	spring washerø8	35	bearing cap	65	latch	95	N/A
6	washerø8*ø16*1.6	36	washerø10*ø20*2	66	M10x60bolt	96	pin
7	adjustment sheet	37	spring washerø10	67	discharging sheet	97	spring
8	M6x25bolt	38	M10locknut	68	spacer1	98	Threaded sleeve
9	washerø6*ø12*1.2	39	Shaft ring	69	M16nut	99	spring pin
10	platen1	40	oil seal	70	chain frame	100	M8X45bolt
11	rubber tile1	41	bearing spacer2	71	M16x80bolt	101	lower handrail
12	M12locknut	42	roller bearing	72	M20x80bolt	102	top handrail
13	front wheel stand	43	rubber tile2	73	M20locknut	103	adjusting wrench
14	front wheel	44	platen2	74	dust cap	104	M16X50bolt
15	M12x120bolt	45	spring washerø6	75	Bearing block	105	key switch
16	pulley	46	M6locknut	76	Hole retaining ring	106	spacer
17	clutch	47	frame	77	bearing	107	protect sheet
18	key	48	deep adjuster	78	standard sprocket	108	protect bar
19	M8x25bolt	49	O ring	79	right blade holder	109	Rotating shaft
20	engine spacer	50	outer shaft	80	left blade holder	110	Latch wire
21	M8x100bolt	51	shaft pin	81	middle blade holder	111	Wire harness
22	gear cover	52	link rod	82	Outer chain plate	112	handle
23	bolt	53	bearing spacer1	83	pin	113	Throttle
24	washerø8*ø24*3	54	Shaft ring	84	standard chain	114	long stay wire
25	Triangle belt	55	standard sprocket	85	blade	115	short stay wire
26	round nut	56	M10x45bolt	86	M8X20bolt	116	Wire connector
27	locker washer	57	key	87	shaft pin	117	protect plate
28	big sprocket	58	shaft	88	M20X1.5nut	118	M10X90bolt
29	chain	59	key	89	locker washer	119	drawbar
30	big pulley	60	adjusting lever	90	gear subplate	120	spring

## **OPERATION – BEFORE TURNING KEY AND PULL STARTING ENGINE**

CLEAR AREA OF ALL PEOPLE AND PROPERTY THAT COULD BE DAMAGED. THINK SAFETY. STONES FROM THE SOIL CAN BE PROJECTILES AND CAN CAUSE INJURY. WEAR SAFETY GLASSES, HEARING PROTECTION, AND GLOVES  
DO NOT WEAR LOOSE FITTING CLOTHES THAT COULD GET STUCK IN THE MACHINE MOVING PARTS, ONLY TRENCH SOIL AND SAND, CHILDREN SHOULD NOT RUN THIS EQUIPMENT, STAY ALERT OF YOUR SURROUNDING AND PERSONS THAT COULD APPEAR IN THE DIGGER PATH WHILE YOU ARE WORKING.

**NEVER APPROACH AUGER OR CHAIN WHILE RUNNING – TURN TRENCHER OFF.**

**BEFORE YOU DIG HAVE THE AREA VERIFIED FOR ANY UTILITIES IN THE GROUND. BURIED ELECTRICAL LINES, GAS LINES, ETC.**

Tip the unit back, lower the cutting chain to the desired depth, there are 5 levels set by the hand lever on the handle grip.

Make sure the forward brake is lowered into the wheel brake gears. Loosen the center bolt in the brake bar to set the FORWARD brake system before digging. This will hold your trencher from moving forward while digging. The unit will roll free in reverse pull.

Tighten the bolt to release the dual wheel brakes so your unit will roll freely for transportation.

### **PERFORMANCE OPERATION -**

Your trencher has quick change teeth. The digger points snap out by tapping with a hammer and replacements snap back into the socket. Use a block of wood when replacing the teeth. Never strike the cutting tips with a hammer.

Lock your machine and remove the keys when not in use to protect the machine from unauthorized use.

**ALL PARTS ARE AVAILIABLE FROM DK2POWER AT 702-331-5353**

# QUICK START AND TROUBLE SHOOTING GUIDE

## QUICK START SETUP

- ADD 10W30 OIL TO ENGINE
- ADD GAS
- SAFETY CHECK AREA AND USE SAFETY GLASSES, GLOVES, EAR PROTECTION
- TURN KEY ON
- HALF THROTTLE (CHOKE OPTIONAL FOR COLD STARTS)
- PULL START THE ENGINE

## TRENCHING

- SET THE FORWARD WHEEL BRAKE BAR
- SET CHAIN TO DESIRED DEPTH
- TIP CHAIN OFF THE GROUND AND PULL START THE ENGINE
- THROTTLE ENGINE ON HIGHEST SPEED
- LOWER TRENCHER CHAIN SLOWLY INTO GROUND FOR FIRST CUT
- PULL TRENCHER BACKWARD AS IT TRENCHES AND THE AUGER REMOVES DIRT

## TROUBLE SHOOTING

- **ENGINE WONT START**
  - TURN KEY ON – CHECK ENGINE OIL LEVEL - CHECK GAS LEVEL
  - UNPLUG KEY SWITCH – IF ENGINE STARTS REPLACE THE KEY SWITCH.
  - FOLLOW YOUR ENGINE MANUAL FOR FURTHER TROUBLE SHOOTING.
- **UNIT VIBRATES**
  - CHECK YOUR CHAIN FOR MISSING TEETH OR LOOSE DIGGER CLEATS.
  - CHECK YOUR CHAIN AND AUGER FOR OBSTRUCTIONS.
  - YOU MAY BE INTO A BIG BURIED ROCK OR TREE ROOT SO INSPECT THE TRENCH.



## PLEASE DO NOT RETURN TO THE STORE

YOU HAVE A 1 YEAR WARRANTY AND DK2 WILL REPLACE A DEFECTIVE PART FOR FREE

**CALL US AT 702-331-5353 FOR FAST WARRANTY PARTS AND QUESTIONS**

### **WHAT IS COVERED**

DK2 Inc. warrants to the original purchaser of any DK2 product that it will be free and clear of manufacturing defects in workmanship and materials under normal use and service for a period of one (1) year from the date of the original purchase.

If within one (1) year from the original date of purchase this product fails due to defect in material or workmanship, Detail K2 will repair, replace, or supply any defective part at our option for DK2 trailer products. DK2 POWER outdoor power equipment is 1-year parts only warranty no labor.

Upon expiry of one (1) year, Detail K2 will have no further liability related to the product. Detail K2 does not authorize any party, including its authorized distributors or dealers, to offer any other warranty on behalf of Detail K2 Inc.

KOHLER ENGINES – KOHLER CH SERIES ENGINES COMMERCIAL 3 YR PARTS AND LABOR WARRANTY

KOHLER ENGINES – KOHLER SH SERIES ENGINES RESIDENTIAL 2 YR PARTS AND LABOR WARRANTY

see your Kohler manual for specific warranty.

DIESEL TRACTORS – Chassis component parts only, no labor, ENGINES – 1 YR KOHLER WARRANTY

3PT EQUIPMENT – 1-YEAR parts only, Gearbox drive unit 3-year warranty parts only.

DK2 POWER OUTDOOR EQUIPMENT – 1-Year parts only, no labor. 3-year commercial Kohler warranty.

THIS WARRANTY DOES NOT COVER OR APPLY TO:

Damage to the product due to misuse, mishandling and abuse

(b) Improper installation, maintenance and storage

(c) Expendable parts such as nuts and bolts, pins and springs, wiring and switch components, hydraulic hoses and fittings, cutting teeth, cutting chains, cutting blades, throttles, belts and tires.

(d) Normal wear and tear

(e) Consequential damage & incidental damages such as damage to persons or property

### **PROCEDURE FOR OBTAINING AN RETURN AUTHORIZATION**

Within the one (1) year warranty period, the purchaser of the product must notify DK2 of the claimed defect and provide proof of original purchase. At this time the validity of the claim will be determined, and if approved replacement parts will be issued.

A Return Goods Authorization Number (RGA) will be issued if approved for DK2 Automotive products. No returned product will be accepted under warranty unless accompanied by an RGA# issued by Detail K2 Inc.

### **RESOLUTION FOR A DEFECTIVE PRODUCT**

DK2 POWER – Tractors, Chippers, Stump Grinders, Log Splitters, 3pt, and Outdoor Power Equipment.

Call DK2 at **702-331-5353** in Las Vegas between 8am-4pm M-F Pacific Time.

DK2 Snow, Trailer, Rack and Winch Products.

Call DK2 at **888-277-6960** in Burlington Canada between 8am-4pm M-F Eastern Time.