



CHIPPER ASSEMBLY GUIDE  
MODEL: OPC503  
3 INCH CHIPPER SHREDDER

**DK2 POWER USA**

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BRUSH TO 3 INCHES  
TOWABLE  
KOHLER ENGINE

## CHIPPER SHREDDER TOP LOADING



**OFF ROAD TOWING ONLY**

**STEP 1:**

Open and unpack all items. Leave lots of working space.  
Inspect all parts.

The Chipper 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. Remove all hardware from chute mounting holes, take care to NOT drop hardware down into the chute opening.
2. Install the chute and the mounting hardware.



INSTALL with hardware that is supplied with the chute.



**STEP 3:**

1. Mount the FEED CHUTE onto the Chipper using supplied bolts and hardware.



INSTALL with the nuts and bolts mounted on the unit to assemble the chip chute.



1. INSTALL THE HANDLE USING 4 BOLTS PREINSTALLED ON THE CHUTE FOR THE HANDLE TO BE ASSEMBLED.



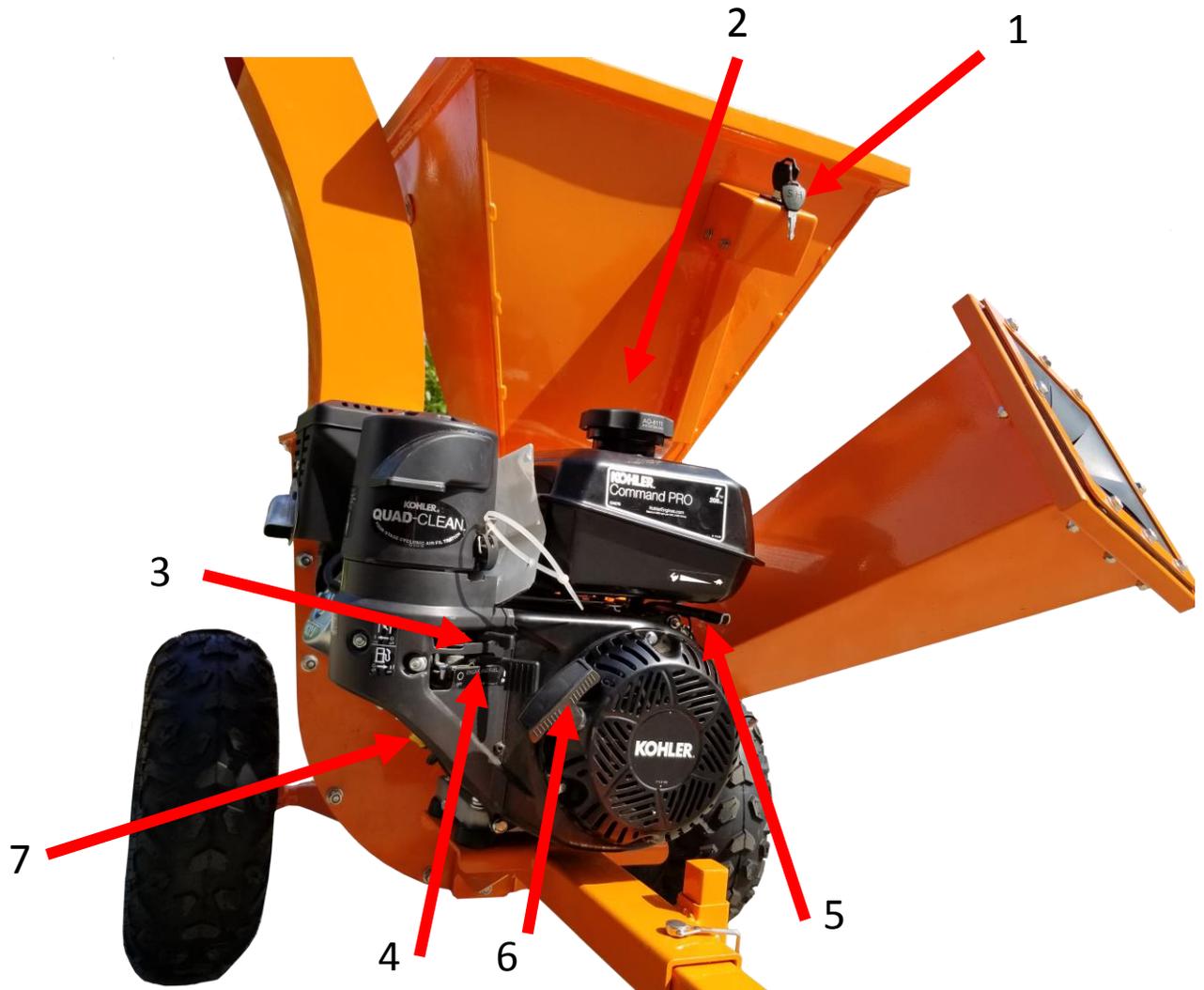
**STEP 5:**

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



**STEP 6:**

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.

Your Chipper is equipped with dual REVERSABLE cutting blades.

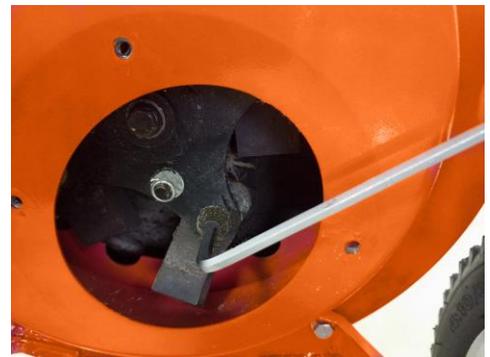
1. Turn engine key off, remove the key and unplug the spark plug on the engine.
2. Remove the rear cover on the chipper housing
3. Before removing the bolts that mount the blades, place paper towels in the area opening under the blade and the drum housing. This will help to catch bolts from dropping into the bottom of the drum housing.
4. Remove the first bolt.
5. **Before removing the last bolt be sure to support the blade from sliding down into the drum.**
6. Remove the blade, reverse it to the new sharp edge and reinstall it. Use only DK2 POWER OEM blades.
7. Use Loctite on the bolt threads when replacing bolts.
8. Remove the feed chute to access additional blades.



Step 2



Step 4



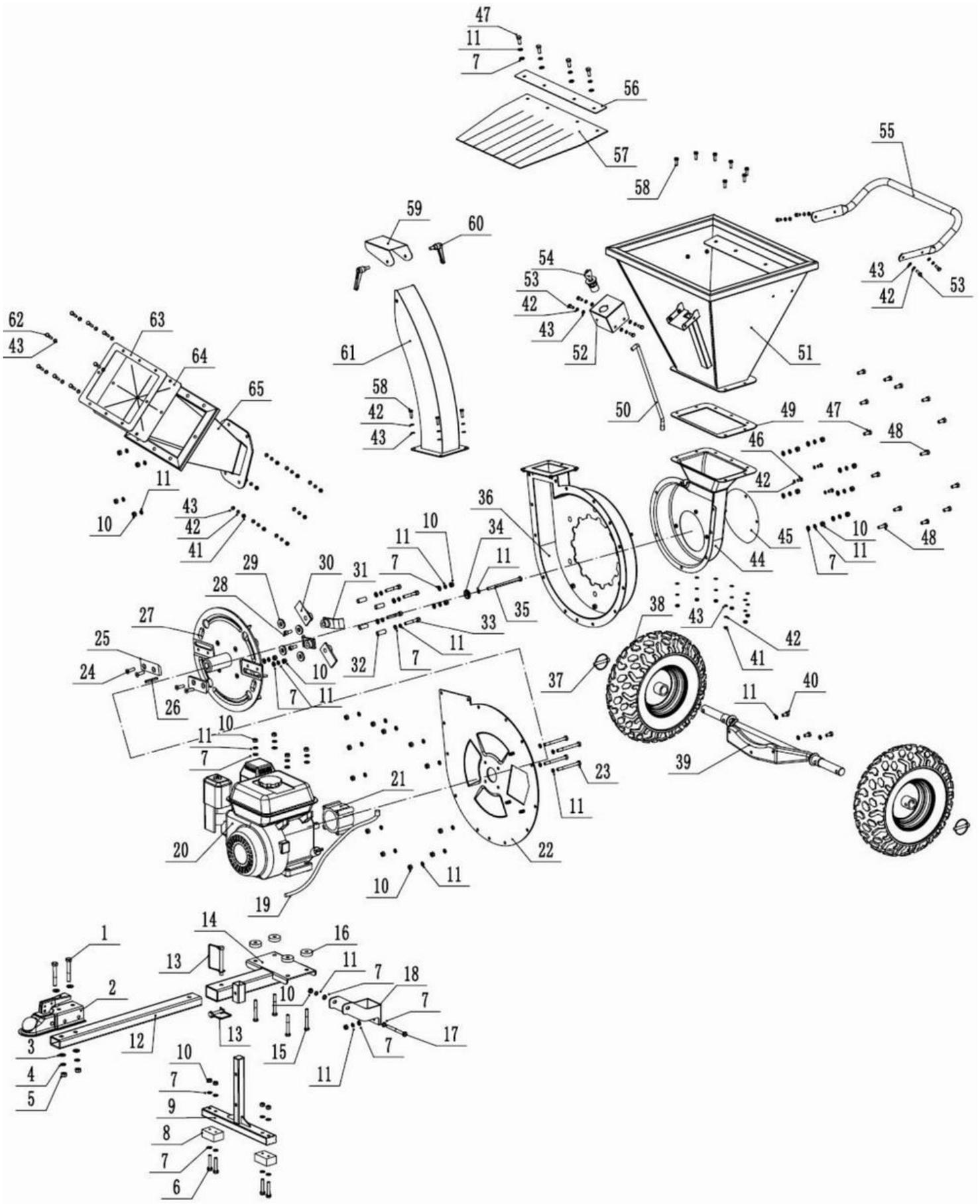
Step 5



Step 8



Step 8



Part Number	Description	Part Number.	Description.
1	M10*70 bolt	34	gland
2	hitch trailer	35	5/16-24UNF*135 bolt
3	washerø10.5*ø22*2	36	main chipper room
4	spring washerø10	37	O-latchø8
5	M10locknut	38	tire
6	M8*45 bolt	39	axle
7	washerø8.4*ø20*1.6	40	M8*16 bolt
8	Rubber pad	41	M6locknut
9	support feet	42	spring washerø6
10	M8locknut	43	washerø6.4*ø12*1.6
11	spring washerø8	44	side chipper room
12	tow bar	45	side chipper room cover
13	latchø8	46	M6*12 bolt
14	engine plate	47	M8*20 bolt
15	M8*60 bolt	48	M8*25 bolt
16	Rubber padø10	49	rubber pad
17	M8*85 bolt	50	swtich key wire
18	U-protection plate	51	top feed hopper
19	engine wire	52	swtich stop cover
20	engine	53	M6*16 bolt
21	protection pipe	54	switch key
22	main chipper room cover	55	handle
23	5/16-24UNF*85 bolt	56	plate for protection sheet
24	M8*25bolt	57	protection sheet
25	blade	58	M6*20 bolt
26	key	59	outlet hopper adjusting plate
27	blade roller	60	knob
28	M8*20 bolt	61	outlet hopper
29	washerø30*ø13*4	62	M6*35 bolt
30	straight hammer	63	side plate for protection sheet
31	L-hammer	64	side protection sheet
32	Straight sleeve	65	side feed hopper
33	M8*50bolt		

## OPERATION – BEFORE TURNING KEY AND PULL STARTING ENGINE

CLEAR AREA OF ALL PEOPLE AND PROPERTY THAT COULD BE DAMAGED. THINK SAFETY. CHIPS ARE FLYING 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 CHIP WOOD, CHILDREN SHOULD NOT RUN THIS EQUIPMENT, STAY ALERT OF YOUR SURROUNDING AND PERSONS THAT COULD APEAR IN THE CHIP PATH WHILE YOU ARE WORKING.

**UNIT IS DIRECT DRIVE. NO CLUTCH** TO SLIP OR BURN UP.

Before starting make sure all chutes are clear of branches as the cutting wheel will turn as you pull the recoil starter. Cutter wheel must be free to turn when starting.

PERFORMANCE OPERATION -

Feed larger trees upto 3 inches in diameter slowly into the tubular feed chute allowing the cutter wheel to regain speed. Shoving a tree into the cutter wheel will stall the machine and damage the cutters or drive shaft.

Feed twigs, leaves, and branches upto 1 inch dia into the top hopper.

Wear gloves, as the cutter will grab the branches and pull them into the machine and from your hands. NEVER PLACE HANDS INTO THE TOP FEEDER.

To clear the top feeder turn the key off, remove it, unplug the spark plug.

Be safe, the cutter on this machine are high speed and very sharp.

SET BOTH OF YOUR WHEEL BRAKE PINS to STABILIZE MACHINE DURING OPERATION.  
READ AND OBEY ALL WARNING LABELS ON THIS MACHINE.

# QUICK START AND TROUBLE SHOOTING GUIDE

## QUICK START SETUP

- ADD 10W30 OIL TO ENGINE
- ADD GAS
- PIN BOTH WHEELS INTO PIVOT BRAKE HOLES.
- TURN KEY ON
- HALF THROTTLE (CHOKE OPTIONAL FOR COLD STARTS)
- PULL START THE ENGINE

## TREE CHIPPING

- ENGINE ON HIGHEST SPEED
- FEED SMALLER TREES INTO CHUTE AND LET GO, TREE WILL AUTO FEED.
- FEED LARGER TREES SLOWLY ALLOW CUTTER WHEEL TO REGAIN RPM SPEED BETWEEN CUTS.
- FEED LEAVES, TWIGS AND UPTO 1 INCH DIA TREES INTO TOP HOPPER.

## 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 CHIPPER FOR MISSING OR LOOSE BLADES.
  - CHECK YOUR CHIPPER WHEEL IS NOT OBSTRUCTED AND FREELY TURNS.



## 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.