BIGBEAR POWER

WE BUILD TOOLS, NOT TOYS.



ASSEMBLY & OWNERSHIP MANUAL

CHIPPER

MODEL: BBC3

YOU'RE THE BEAR.

A COMPLETE OWNERSHIP SYSTEM™ FOR HARDWORKING AMERICANS.

GX COMMERCIAL LLC
GX
LAS VEGAS NV
OUTDOOR POWER

Corporate Offices 4301 S Valley View Blvd STE 10 11 12 Las Vegas, NV 89103

DO NOT RETURN TO THE STORE

5YR COVERAGE Warranty Policy included

Equipment with fuel is treated as hazardous material for D.O.T. transport and non-returnable per federal hazardous materials law (49 CFR § 173.220), including retailers' policies for gas outdoor power equipment.

Phone: 725-274-6171 EXT 1

Email: CUSTOMERSERVICE@BIGBEARPOWER.COM Website: www.BIGBEARPOWER.com CONTACT US

Thank you for choosing Big Bear Power.

If you have any problem with your equipment, do not return it to the retail store. Returning the machine to the store often triggers a lengthy, costly, and frustrating process that rarely resolves the problem—and can leave you without your equipment for weeks. Instead, we ask that you **contact a BigBear Power Specialist directly so we can help you**.

In the unlikely event that your machine needs attention or is missing a part, our team will:

- Diagnose the issue over the phone or via email – WE ANSWER OUR PHONES – M-F 8-4 PST
- Ship any necessary parts immediately from Las Vegas NV
- Guide you step-by-step. Our good ole USA Service is rated 5 stars by our most powerful customers
- Ensure your equipment performs as intended, getting you up and running.

We stand behind our products, and when an issue does occur, we move fast to make it right. Our goal is to minimize downtime for you—not create more. When you need help, we have your back.

Thank you for your trust in BigBear Power.

Gregory Neuer

Gregory Neuer - Owner - CEO

GX Commercial LLC – Bigbear Power

STEP 1

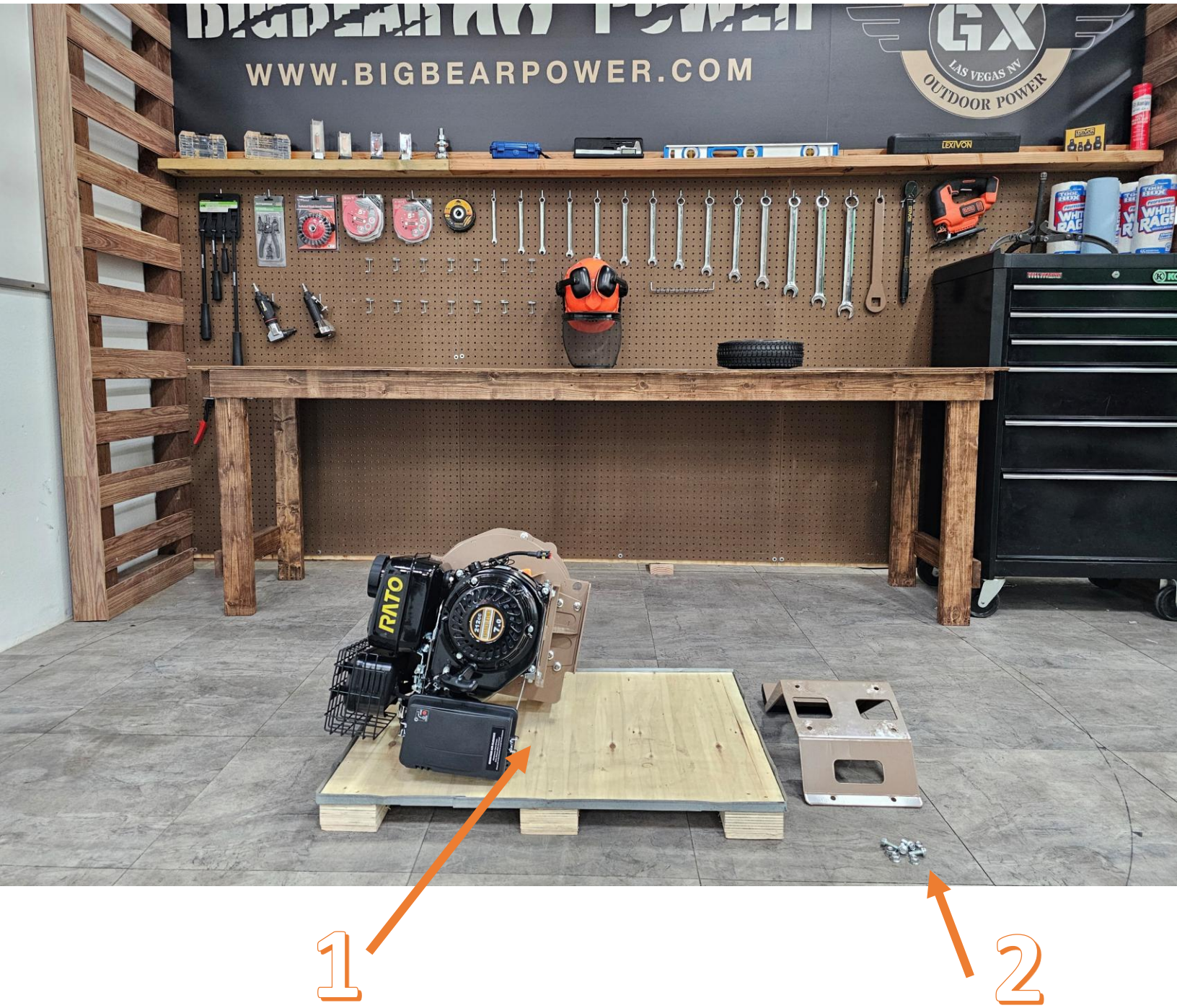
PART INSPECTION

1. REMOVE THE TOP AND SIDES AND PARTS FROM THE CRATE
2. UNPACK ALL PARTS AND CHECK THAT YOU HAVE EVERYTHING.
3. MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT



STEP 2 ASSRMBLE ENGINE STAND

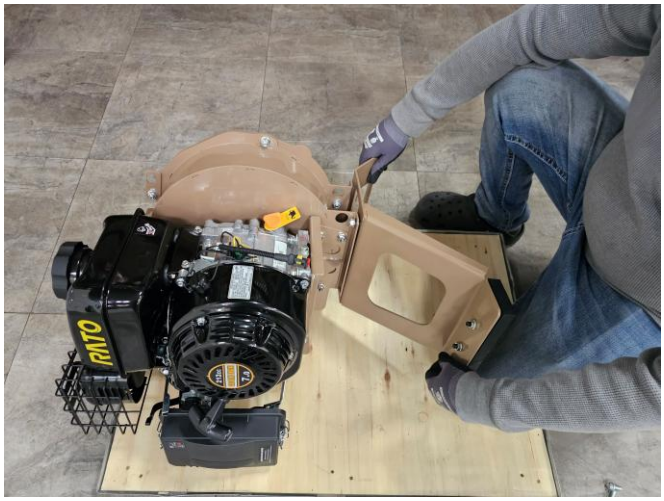
1. PLACE ENGINE ON SIDE AS SHOWN
2. REMOVE 4 BOLTS FROM ENGINE STAND



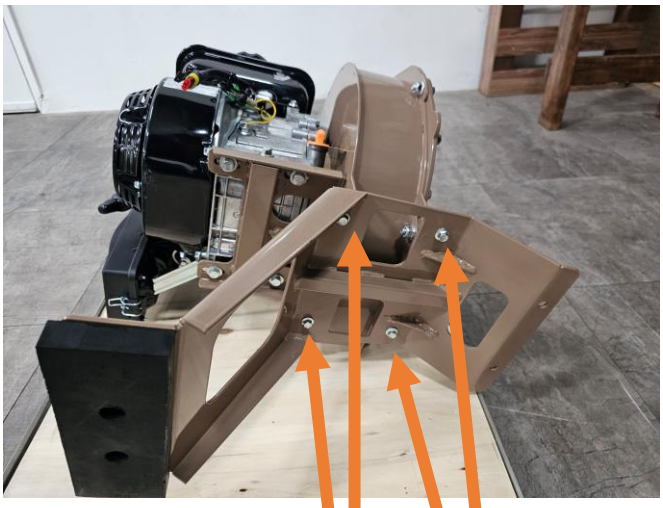
MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT

STEP 3 INSTALL THE CRANK HANDLE

1. ASSEMBLE ENGINE STAND AS SHOWN
2. TIGHTEN ALL HARDWARE



1



2

MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT

STEP 4 PREPARE TO INSTALL WHEELS

1. PLACE ENGINE ON PALLET AS SHOWN
2. REMOVE ALL HARDWARE FROM THE AXLE



MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT

STEP 5 INSTALL TIES ON AXLE

1. INSTALL WASHER ON AXLE
2. INSTALL TIRE WITH AIR VALVE FACING OUT
3. INSTALL WASHER
4. INSTAL COTTER PIN
5. REPEAT AND INSTALL THE OTHER TIRE

1



2







3

4

MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT

STEP 6 INSTALL THE CHAIN

1. INSTALL THE 2 BOLTS INTO THE STAND
2. LIFT THE ASSEMBLY AND ALIGN THE BOLTS WITH THE AXLE
3. TIGHTEN ALL HARDWARE WITH THE SUPPLIED TOOL

1





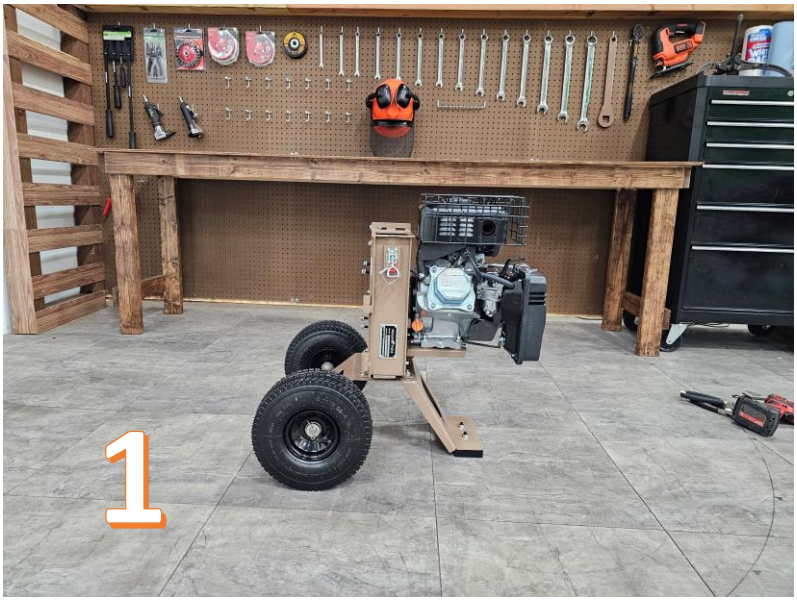
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MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT

STEP 7 INSTALL LOWER FEED CHUTE

1. REMOVE FROM PALLET
2. REMOVE MOUNTING HARDWARE FROM TRANSMISSION
3. ALIGN LOWER FEED CHUTE ONTO THE BOLTS
4. TIGHTEN ALL HARDWARE









MISSING PARTS? CALL 725-274-6171 GX COMMERCIAL PARTS DEPT

STEP 8 INSTALL FEED CHUTE AND WIRING HARNESS

1. REMOVE THE WIRE MOUNTING LANYARD
2. INSTALL THE CHUTE ONTO THE HINGES
3. DO NOT LOCK THE CHUTE LATCH
4. INSTALL THE LANYARD, BEND AS SHOWN, AND TIGHTEN HARDWARE
5. FEED THE WIRE CABLE INTO SLOT, IT WILL PUSH INTO PLACE.

1



2







3

4

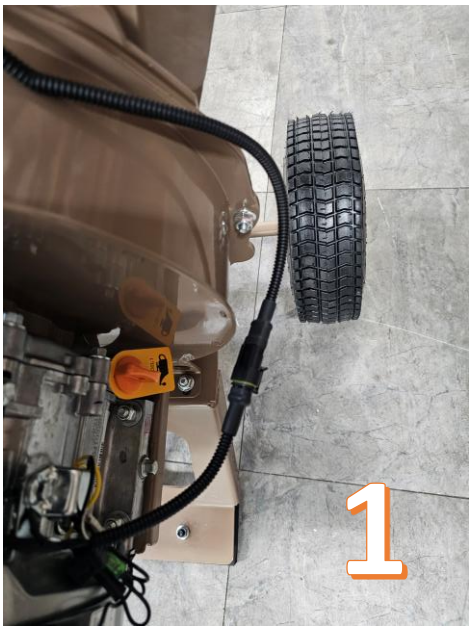
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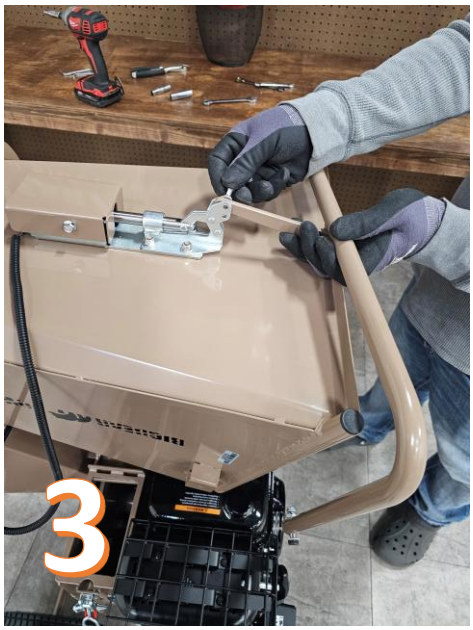
STEP 9

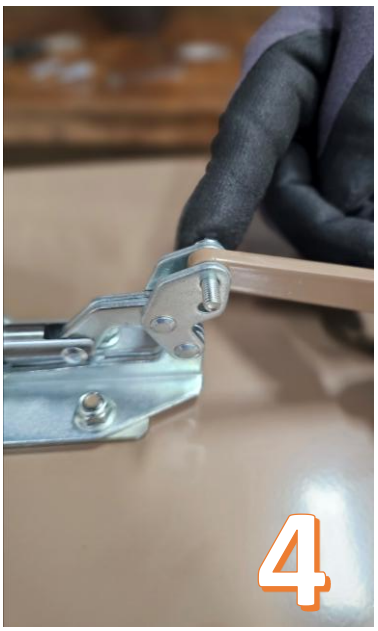
INSTALL SAFETY SHUT OFF BAR

1. CONNECT THE QUICK CONNECT TO THE ENGINE HARNESS
2. FOLD CHUTE FORWARD AS SHOWN
3. POSITION BAR FOR INSTALL
4. INSERT HARDWARE IN THE LOCATION SHOWN AND TIGHTEN
5. INSTALL PIVOT HARDWARE – BOLT-WASHER-BAR-WASHER AS SHAOWN
6. MOUNT TO CHUTE AND INSTALL LOCK NUT – REPEAT FOR OTHER SIDE













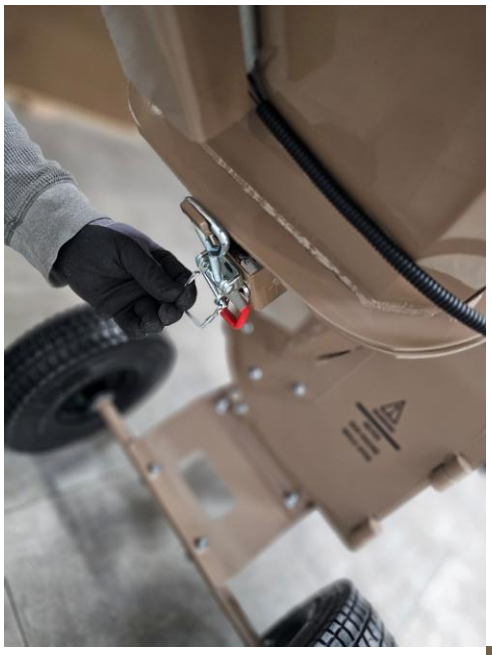
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STEP 10

INSTALL AND LOCK CHUTES

1. CLOSE YOUR FEED CHUTE AND LOCK IT WITH THE SPRING PIN
2. INSALL THE CHIP CHUTE
3. LOCK WITH THE SPRING PIN – TURN THE LATCH LOOP TO ADJUST THE TENSION IF NEEDED.

1



2



3



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STEP 11

MEET YOUR ENGINE

Your Chipper has low oil protection. Will not start if the oil is too low, and will protect the engine

Change oil - after first 20 hours then150 hours thereafter.

Use 10W30 Mobil One or equivalent 7hp - 212cc 0.6L

GAS - High Grade 91 or better



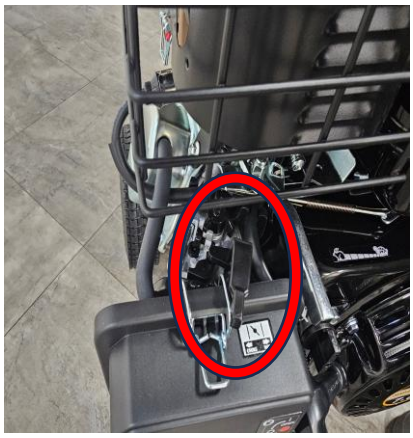
ADD OIL



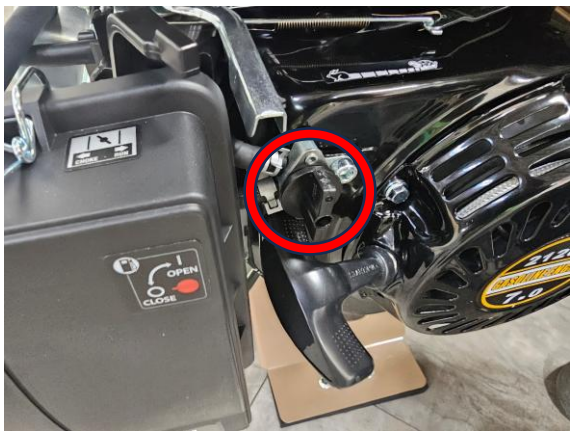
SWITCH ON



SPEED HALF



CHOKE ON



GAS ON



BAR UP

PULL START



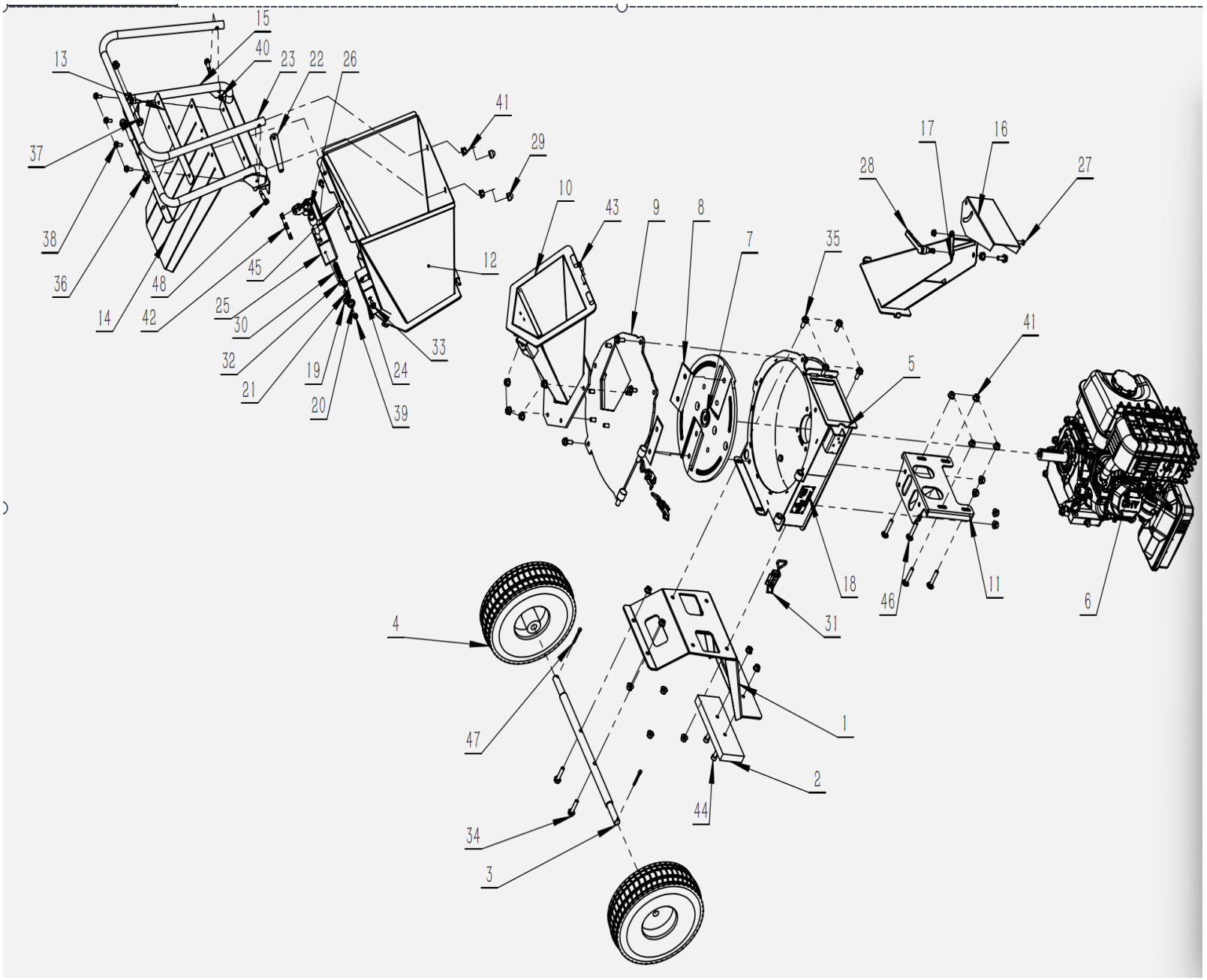
STEP 11 READING THE OPERATION AND SAFETY

1. Wear protective clothing, face, ear, eye and glove protection at all times
2. Check the safety shutoff on every use to ensure your safety
3. Always stay clear of the cutter even when the machine is off; the CUTTER can be hazardous if you're not paying attention. Other persons in the area should be clear of the machine when running
4. DO NOT CHIP UNDER THE INFLUENCE OF ALCOHOL OR DRUGS
5. Machine is designed for chipping trees and branches only.
6. Make sure there are no underground utilities where you are trenching.
7. Feed one branch at a time do not overload the cutter and stall the engine.
8. Always stand behind the machine when the engine is running.
9. If you need to shut down the chipper during operation, simply press down on the the safety shut-off bar.
10. Remember, the muffler is hot, don't lay your gloves on the muffler.
11. If the machine stops spinning you may have a chip jam or obstruction in the cutter bar. Shut it down immediately and inspect it. Remove obstruction.
12. Before you store your chipper, drain the gas, run it dry.
13. Check all hardware regularly as vibration may loosen hardware

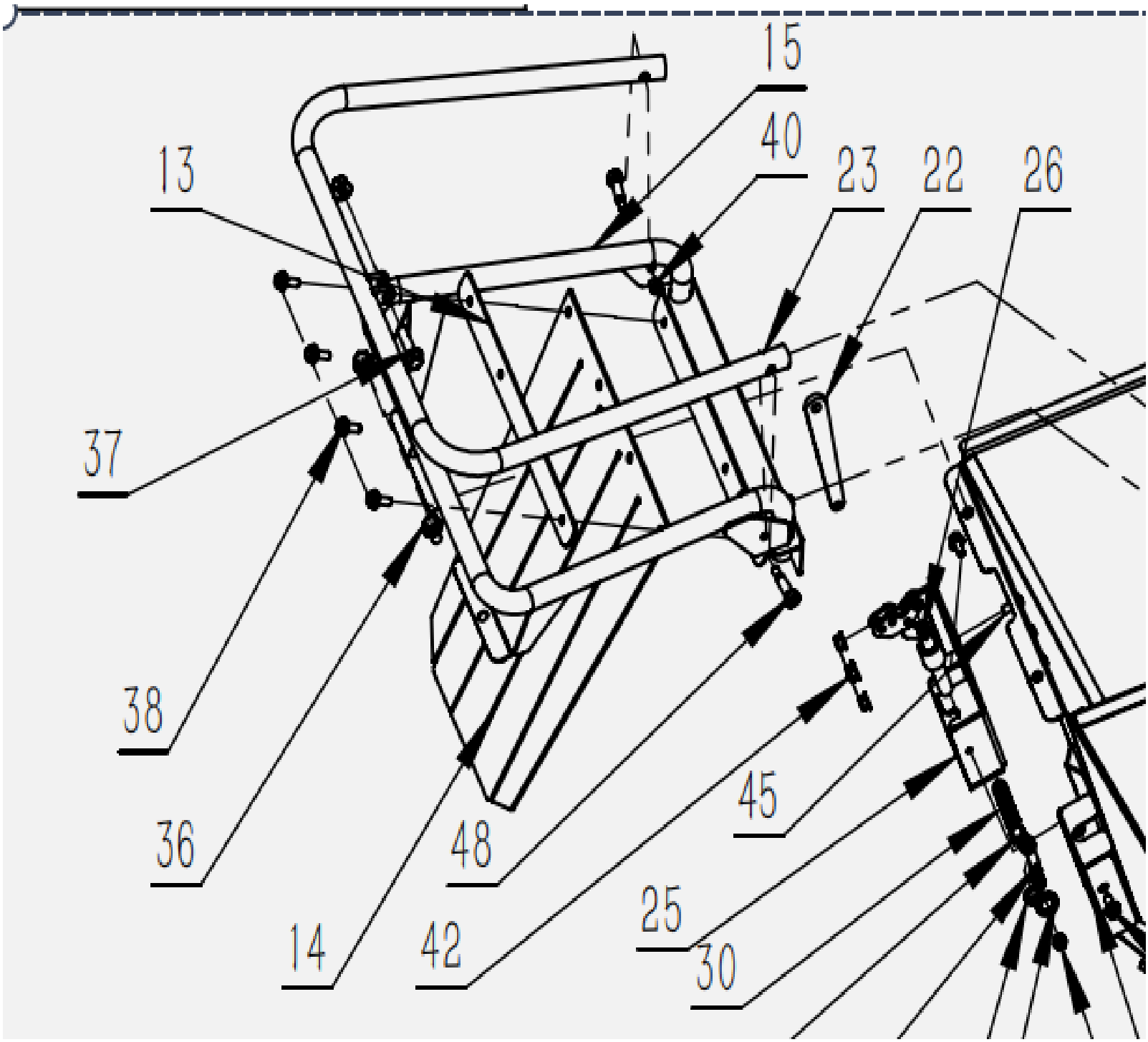
14. **FOR AY QUESTIONS OR SERVICE REACH OUT TO BIG BEAR POWER. BIGBEAR SPECIALISTS ARE HERE TO ALWAYS HELP AND GET YOU BACK TO CHIPPING.**

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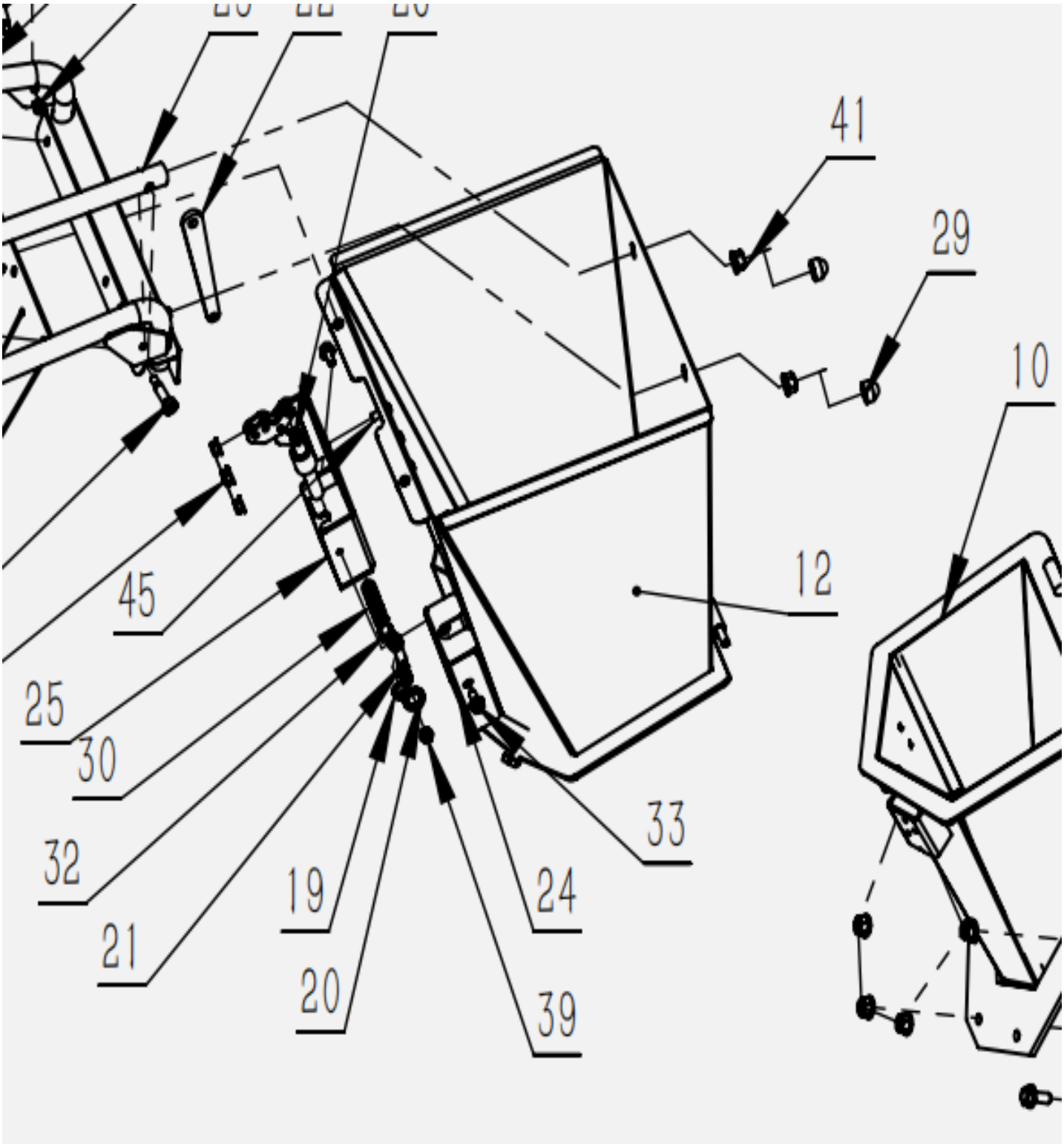
BBC3 PARTS DRAWING



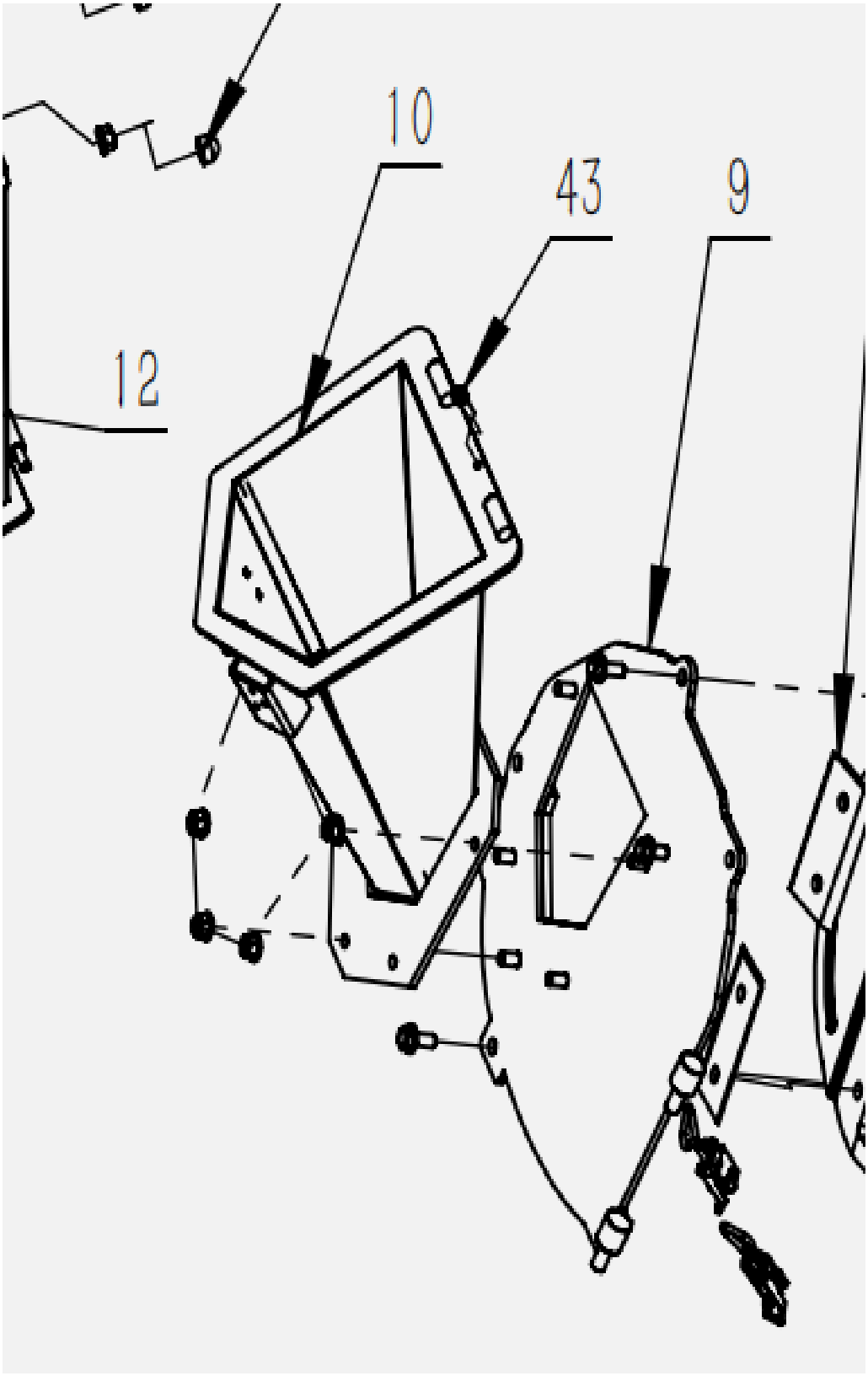
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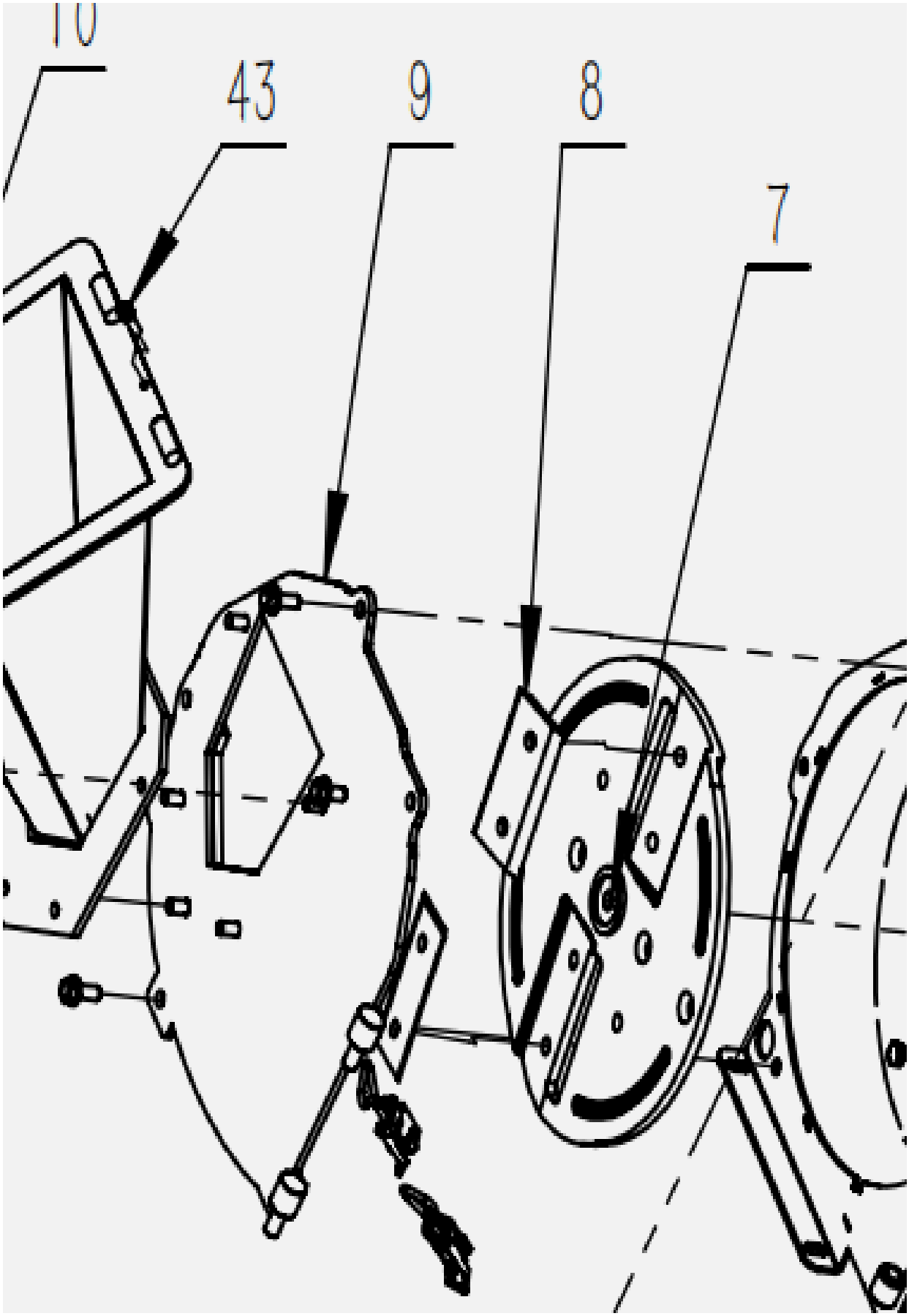
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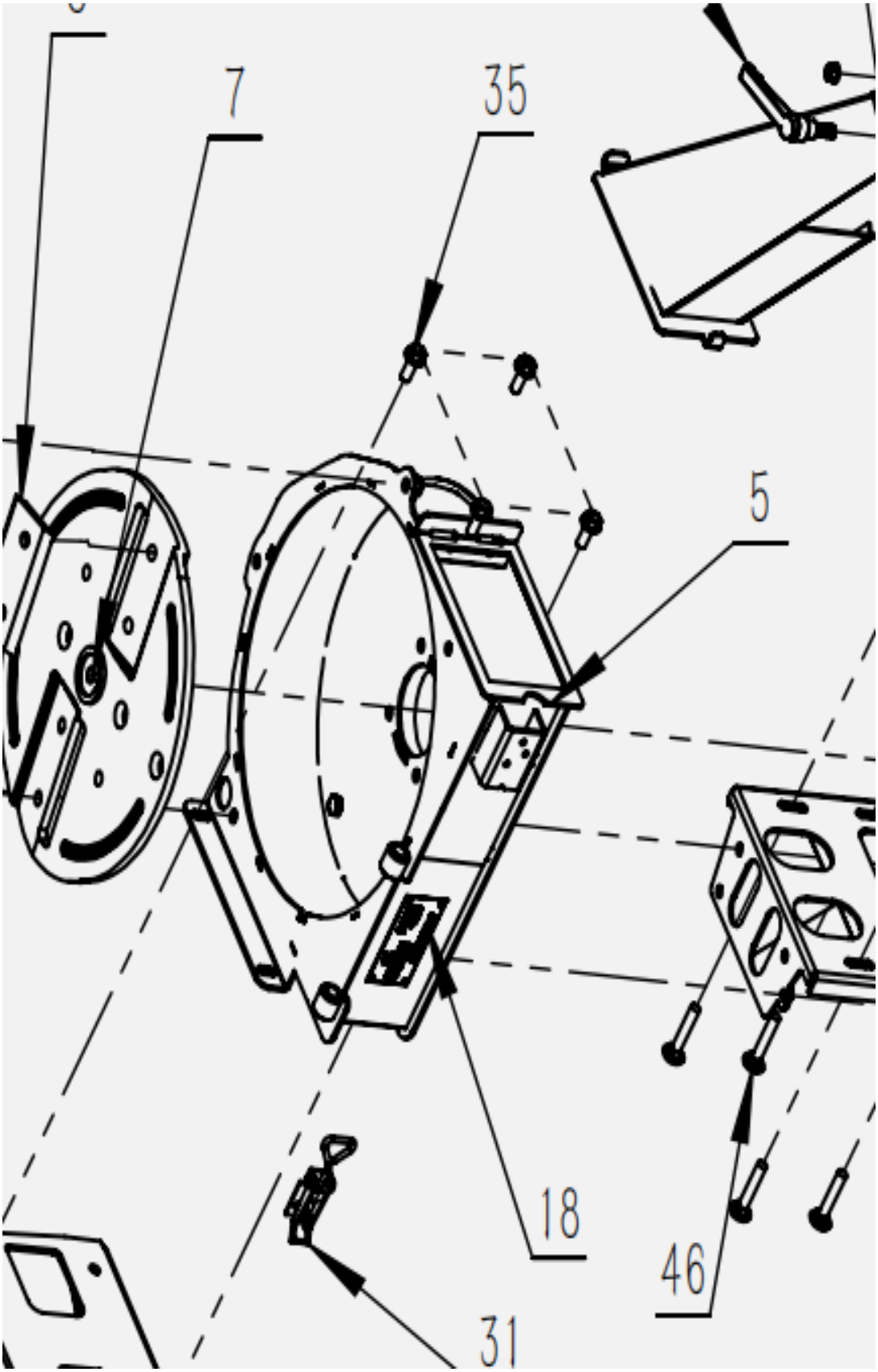
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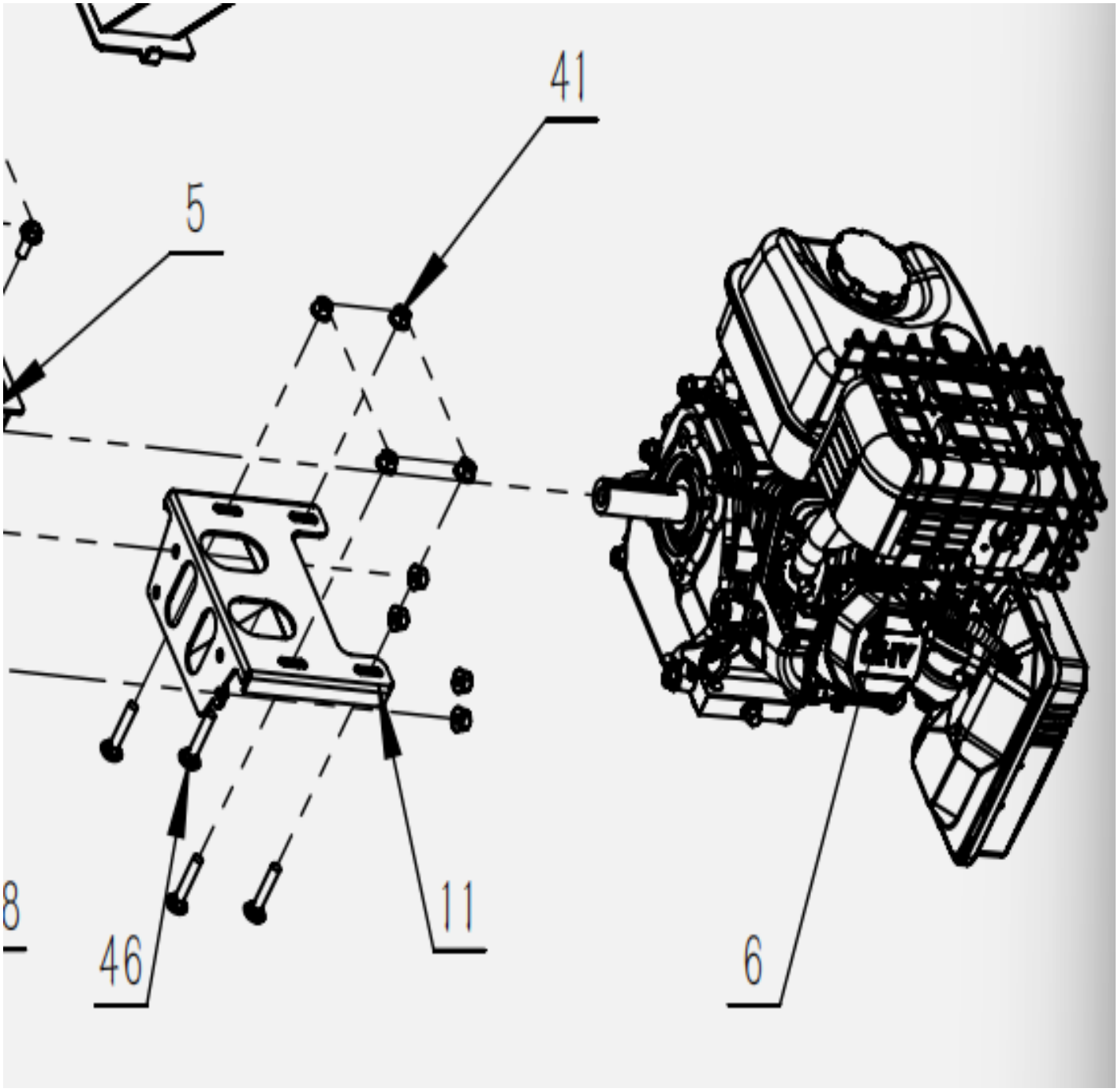
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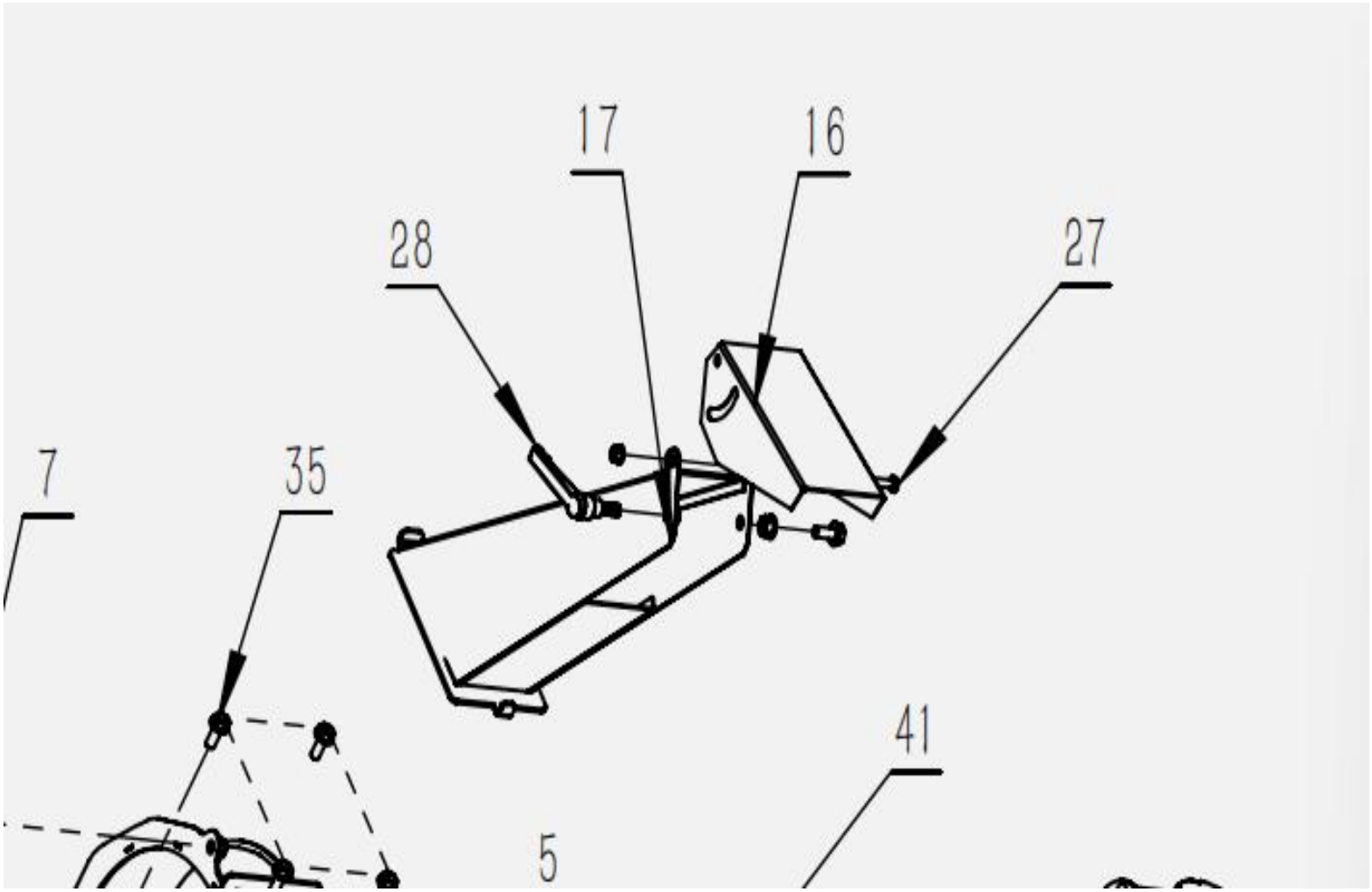
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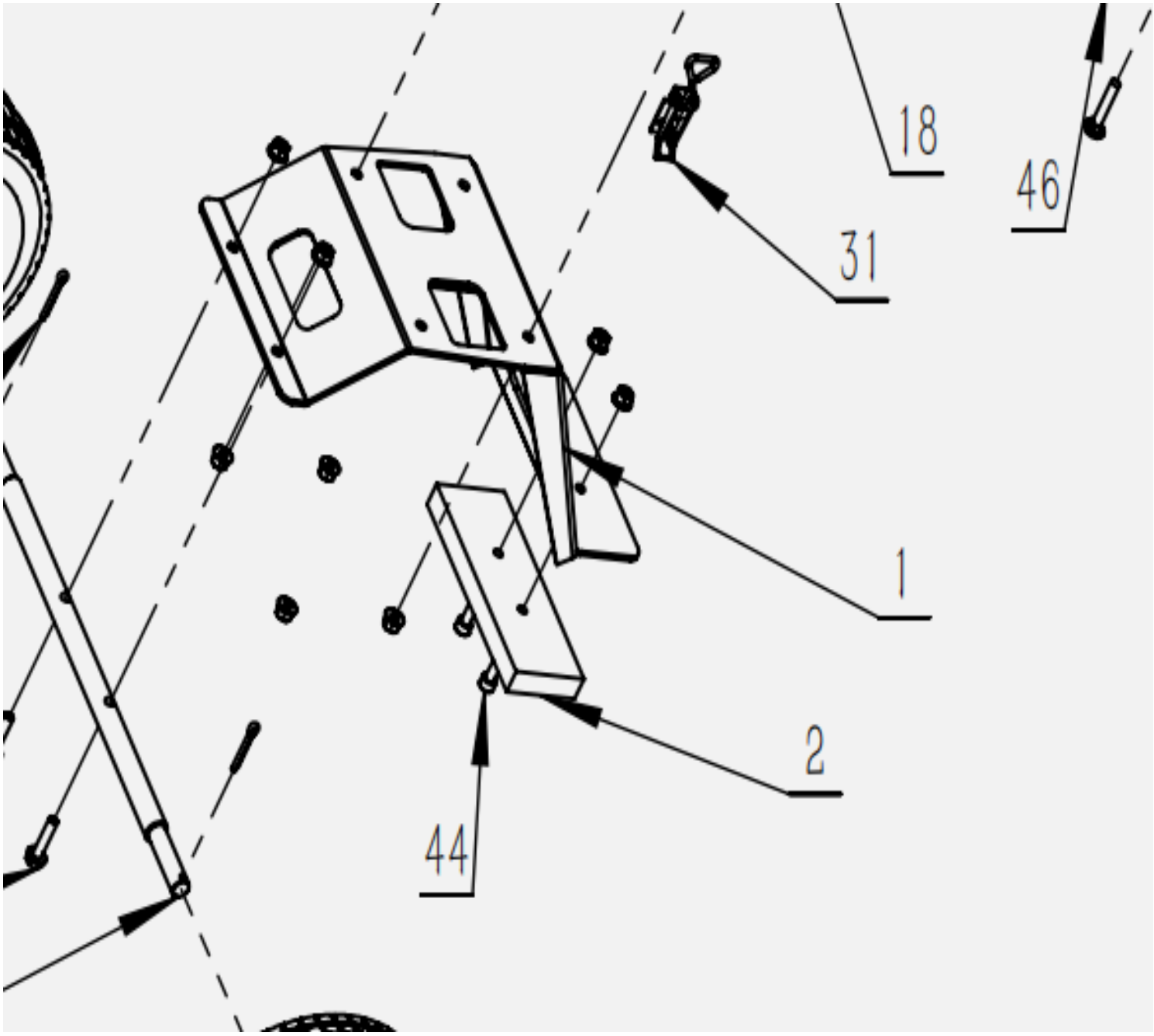
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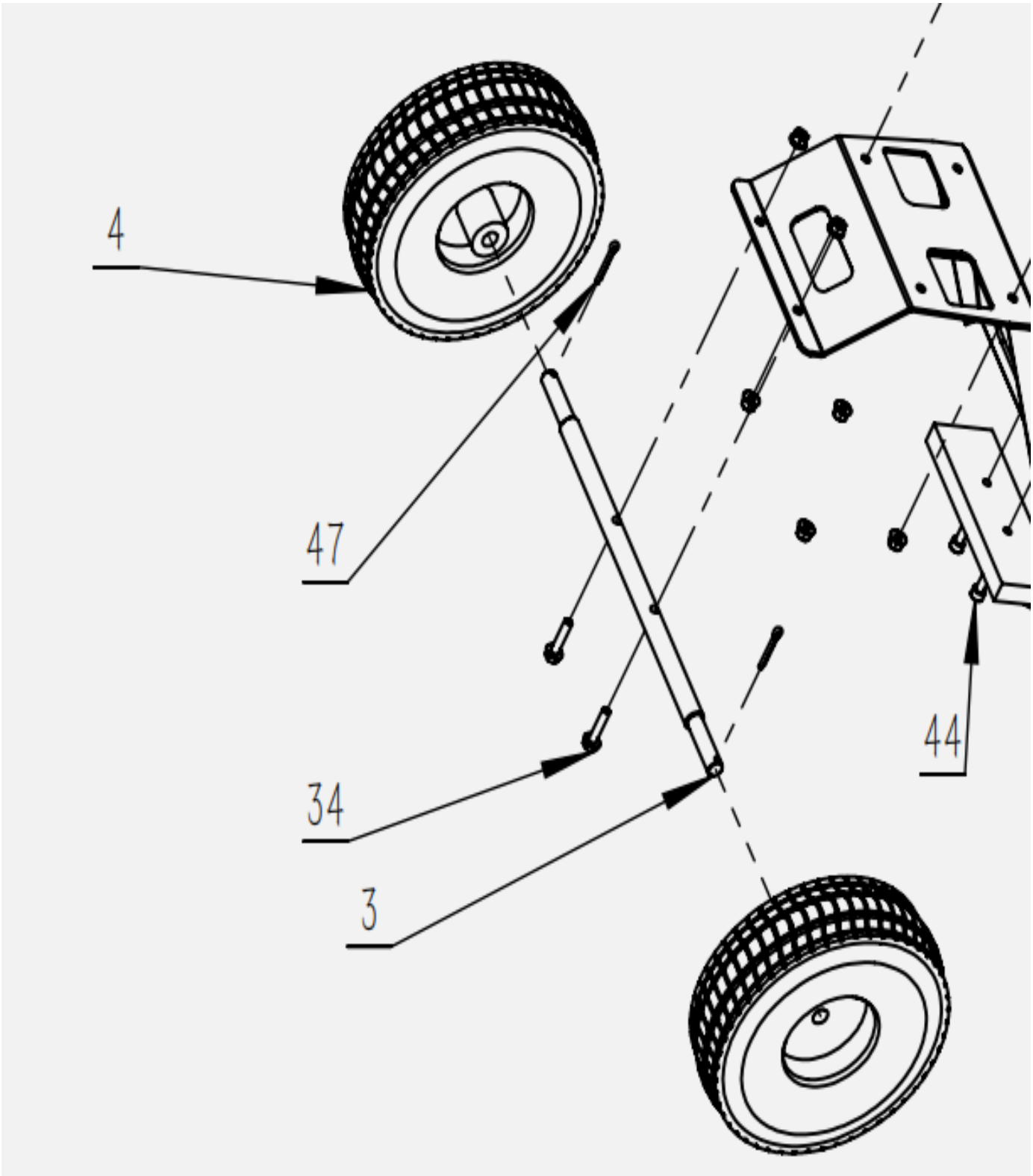
BBC3 PARTS DRAWING



BBC3 PARTS DRAWING



BBC3 PARTS DRAWING



ITEM	QTY	DESCRIPTION
1	1	Frame
2	1	Rubber foot pad
3	1	wheel axle
4	2	wheel axle
5	1	Discharge frame on BBC3
6	1	Rato R210-T
7	1	Blade plate
8	2	blade
9	1	feed gate
10	1	Lower section of the feed hopper
11	1	engine frame
12	1	feed hopper
13	1	feed hopper
14	1	Protective rubber sheet
15	1	handrail pipe

ITEM	QTY	DESCRIPTION
16	1	Guide cover
17	1	discharge chute
18	1	nameplate
19	1	Insulation step pad
20	1	Insulated nylon pad
21	1	Emergency stop switch compression spring
22	1	Rotating disc
23	1	emergency stop rod
24	1	Contact fixing tube cap
25	1	Quick-clamp fixation frame
26	1	Quick Clip
27	1	hexagon headed bolt
28	1	Quick-release bolt
29	2	Nut protect cover
30	1	Small quick-release spring

ITEM	QTY	DESCRIPTION
31	3	Three-hole small buckle
32	1	hexagon headed bolt
33	2	Hexagonal flange surface bolt
34	2	Hexagonal flange surface bolt M8X35
35	8	Hexagonal flange surface bolt M8X20
36	3	Hexagonal flange surface bolt M8X16
37	1	Hexagonal flange surface bolt M8X30
38	4	Hexagonal flange surface bolt M6X16
39	1	Nut M6
40	2	lock nut M6
41	30	lock nut M8
42	5	lock nut M6
43	1	Bolt M6X20
44	2	Bolt M8X25
45	4	Bolt M6X16

BIG BEAR POWER

WE BUILD TOOLS, NOT TOYS,
FOR HARDWORKING AMERICANS.

We stand behind every machine we build with warranties that have your back. Our customer service is rated #1 in the country because we answer the phone, we listen, and we take care of our customers.

When you call, you're not just a number—you're part of the Big Bear family. If you ever have an issue, big or small, call us anytime. We're here to help and we'll make it right.

WE BUILD IT. WE STAND BEHIND IT. WE'VE GOT YOUR BACK.

EXTENDED 5-YR LIMITED GAS-POWERED WARRANTY



ENGINES:	**RATO ENGINES** – GX Commercial LLC will provide OEM parts or replace the engine at our discretion for 5 years from the purchase date, at no cost to the original owner, with proof of purchase receipt. The warranty is not transferable. **OTHER ENGINE BRANDS** – are covered under their original OEM warranty. The warranty is not transferable.
CHASSIS:	GX Commercial LLC will provide replacement parts to the original purchaser for 5 years for defective chassis components.



WARRANTY EXCLUSIONS:	Tires, Cutting Blades, Cutting Teeth, Labor, Anvils, Belts, Hardware, 12V Batteries, wiring, damage, misuse, accessories, shipping damage, including minor scratches and dents.
FOREST READY KITS:	Promotional accessories, when provided, including Oil funnels, hand tools, files, ear protection, safety glasses, gloves, helmets, and Lithium chainsaws, are excluded from warranty.



CHAINSAWS:	2 yr warranty when purchased separately. GX Commercial LLC will provide, at our discretion, parts or replacements, at no cost for the original owner, with proof of purchase. The warranty is not transferable.

REAL PEOPLE. REAL SERVICE. REAL SUPPORT.
CALL US ANYTIME. WE'RE READY TO HELP.

CUSTOMER SERVICE
725-274-6171
EXTENSION 1 • PST 9-4

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CUSTOMERSERVICE@BIGBEARPOWER.COM