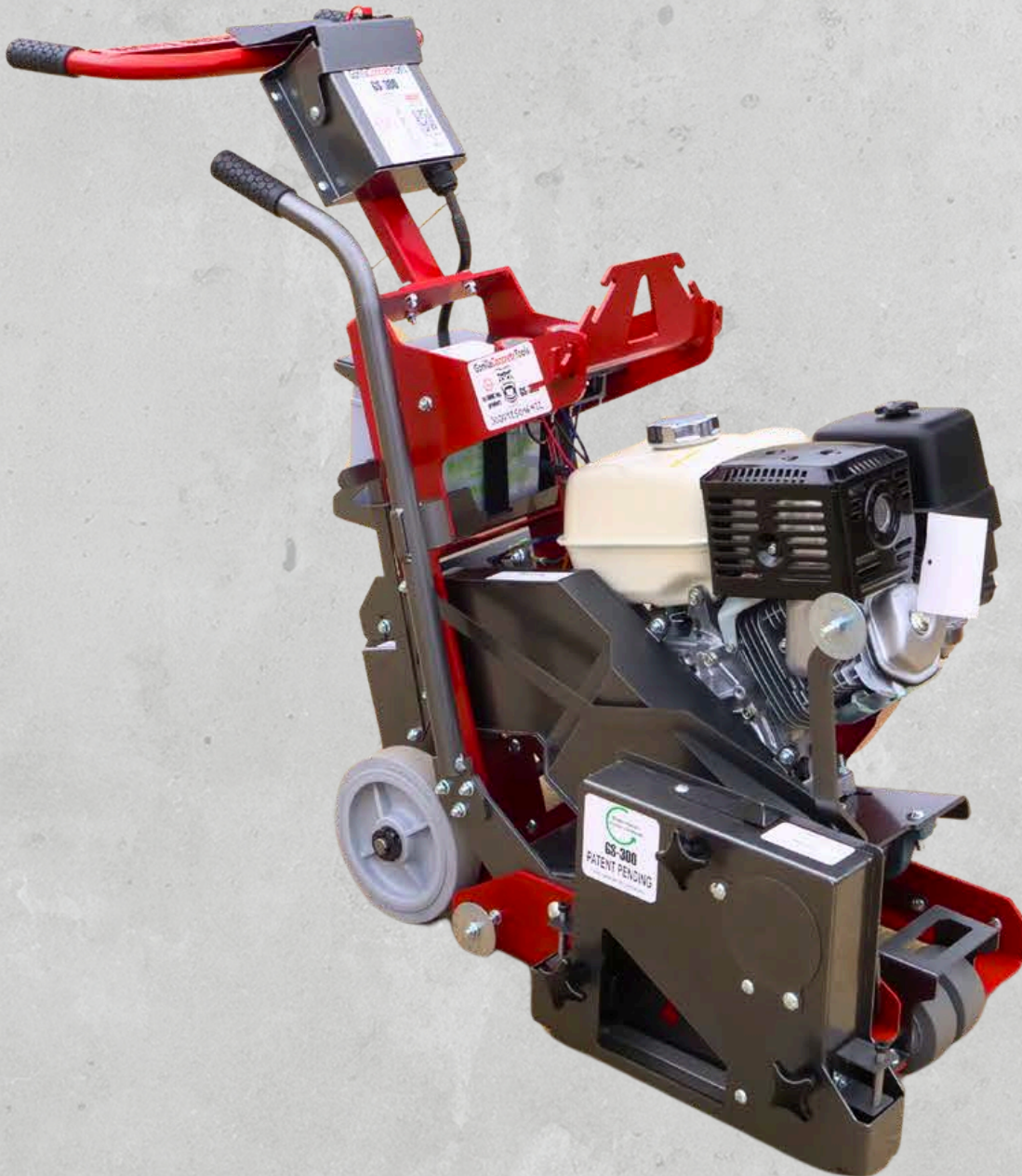


GorillaConcreteTools

GS-300 Self-Propelled Early Entry Joint Saw

Product Manual



GS-300 Quick Start Guide

WARNING: This saw is intended for outdoor use only: Remember to always wear the proper PPE during saw operation.

Oil type & capacity: 1.2qt 10W-30

These instructions are only intended to show you the set-up of our saw. Do not use until you have been trained how to properly operate this walk-behind concrete saw.

The GS300 handle is shipped with the control handle bolted to a shipping bracket.

1. Remove the 3 bolts located in the upper handle (blue dots), followed by the 3 in the handle upright (red dots). (Figure 1)
2. Once all bolts are removed, use 3 of the carriage bolts and nuts to secure the handle as shown in Fig 2. While positioning handle make sure the cord is not wrapped around the handle tube.
3. Ensure that all the bolts are fully seated and securely fastened.

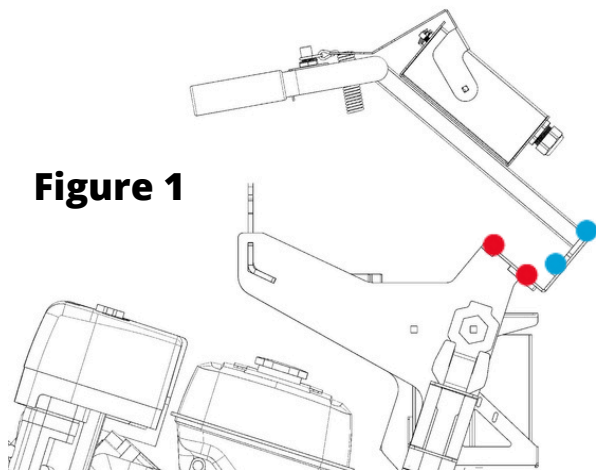


Figure 1

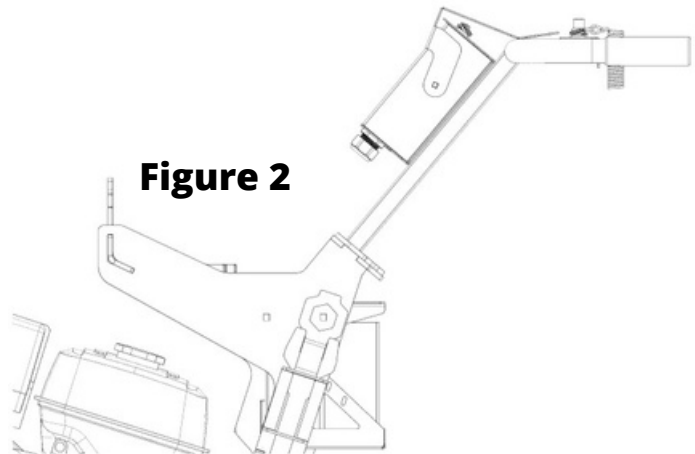


Figure 2

Drive System Operation

1. Turn on main power switch
2. Turn on drive power switch
3. Select forward or reverse drive direction
4. Attach safety lanyard to operator
5. Adjust speed dial to 0
6. After the drive direction is selected and the safety lanyard is attached, use the thumb switch to enable the drive power. The thumb switch acts like cruise.
7. Once the drive is enabled, slowly adjust the speed dial to a comfortable level.
8. When the drive system is not in use turn off the drive power switch and the Main power switch. Not doing this will drain the battery levels. Battery levels can be monitored on the Main power switch.

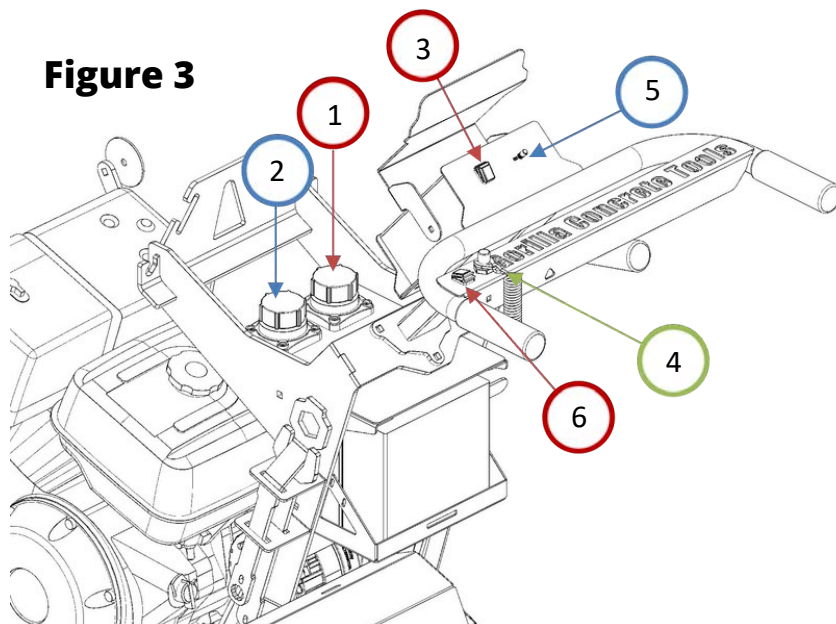
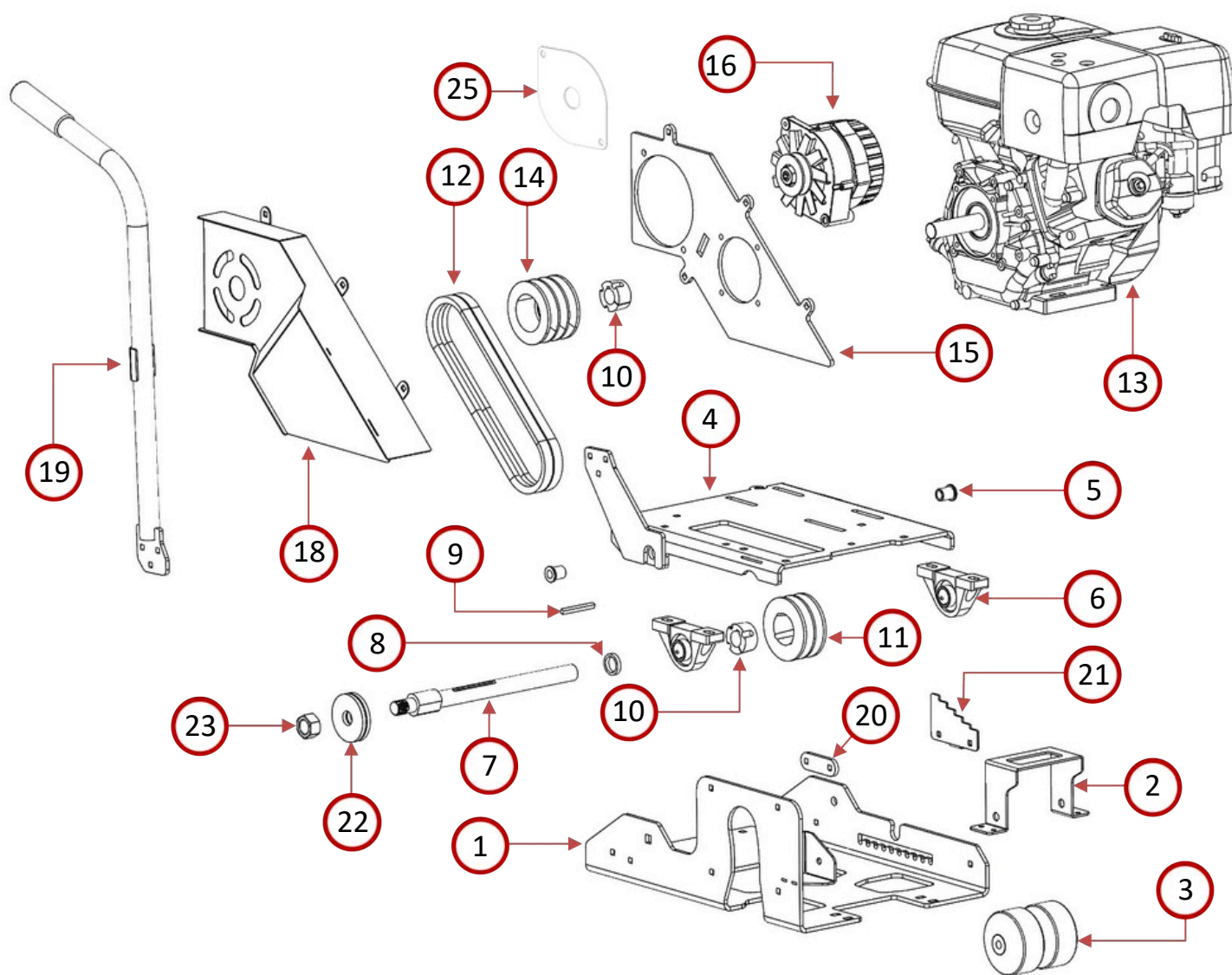


Figure 3

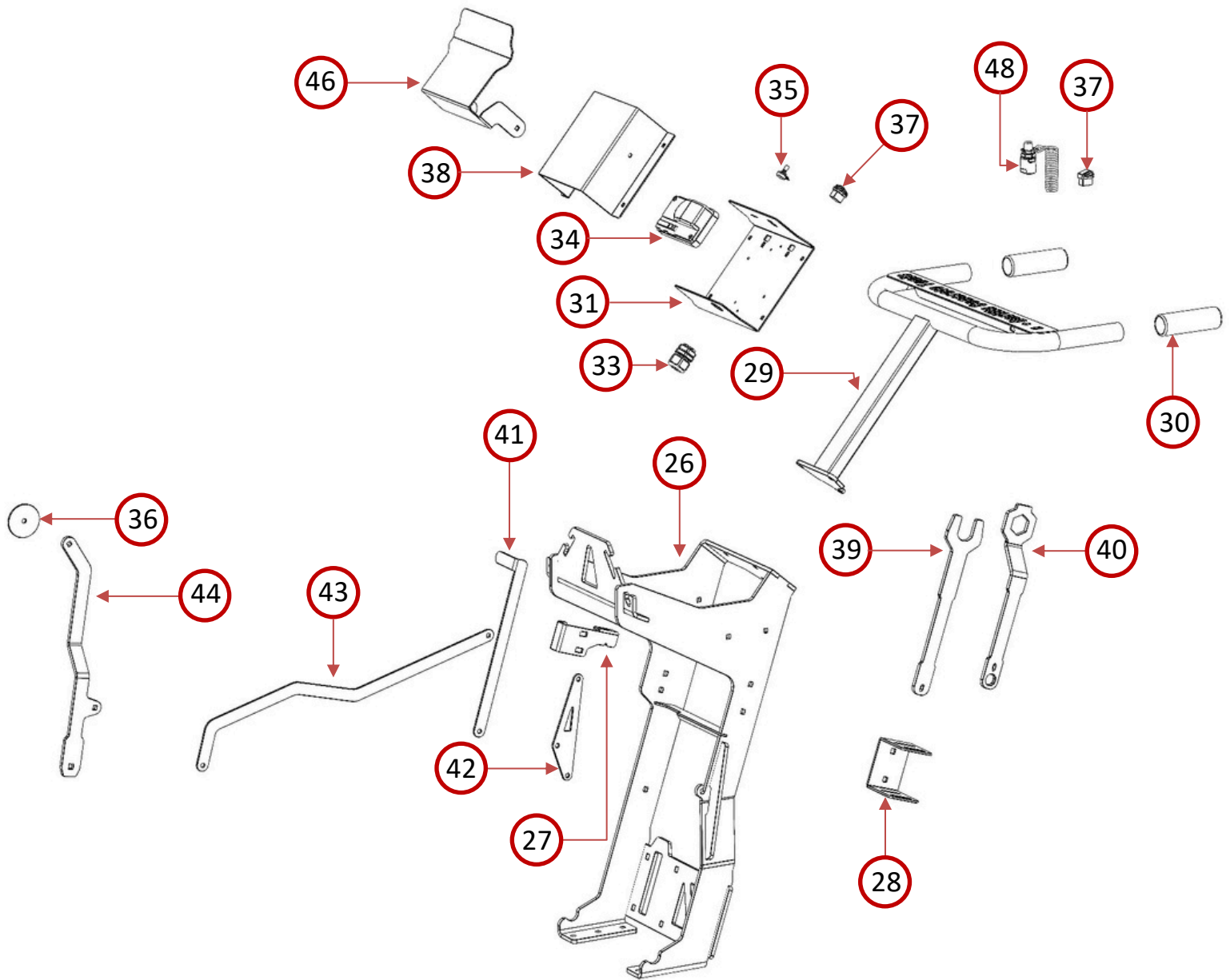
Add oil before starting engine for the first time. Scan QR code on saw for more information.

Parts Diagram



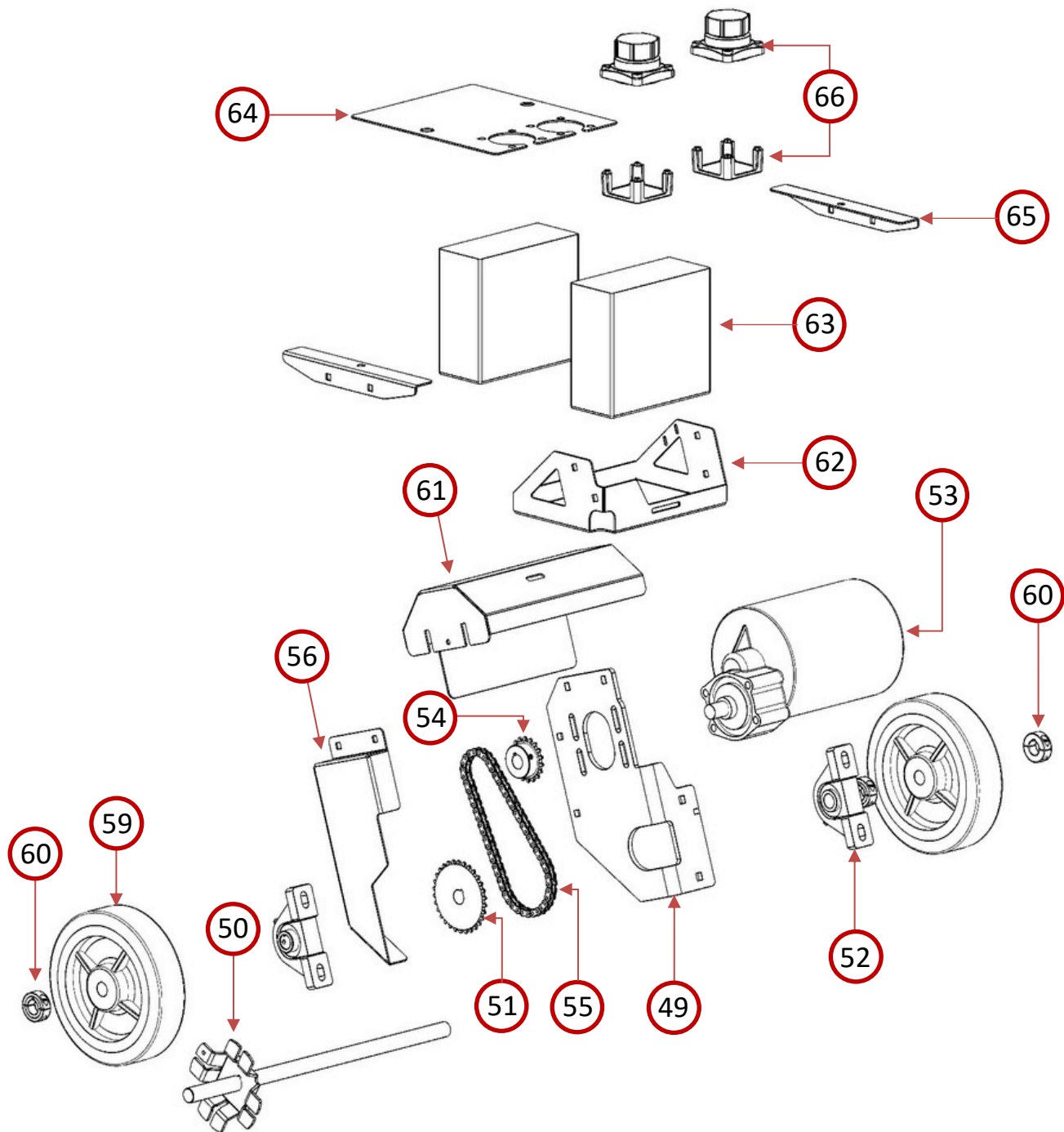
Part Number	Description
GS300 - 1	Saw Base
GS300 - 2	Front Wheel Mount
GS300 - 3	4" Wheel
GS300 - 4	Motor Plate
GS300 - 5	Motor Plate Bushing
GS300 - 6	Shaft Bearing
GS300 - 7	Blade Shaft
GS300 - 8	Blade Shaft Spacer
GS300 - 9	Blade Shaft Key
GS300 - 10	Sheave Bushing
GS300 - 11	Blade Shaft Sheave
GS300 - 12	Drive Belt

GS300 - 13	Engine
GS300 - 14	Drive Sheave
GS300 - 15	Alternator mounting Plate
GS300 - 16	Alternator
GS300 - 17	Alternator Drive Belt (Not Pictured)
GS300 - 18	Belt Guard
GS300 - 19	Lift/Lower Handle
GS300 - 20	Depth Stop Backer Plate
GS300 - 21	Depth Stop
GS300 - 22	Blade Clamp
GS300 - 23	Blade Shaft Nut
GS300 - 24	Engine Shaft Key (Not Pictured)
GS300 - 25	Alternator Cover



Part Number	Description
GS300 – 26	Handle Upright
GS300 – 27	Lift Handle Lock
GS300 – 28	Wrench Holder
GS300 – 29.2	Control Handle
GS300 – 30	Handle Grip
GS300 – 31.2	Electronics Mount
GS300 – 33.3	Cord Grip Connector
GS300 – 34	Controller
GS300 – 35	Potentiometer
GS300 – 36.2	Pointer Wheel
GS300 – 37.2	Sealed Rocker Switch

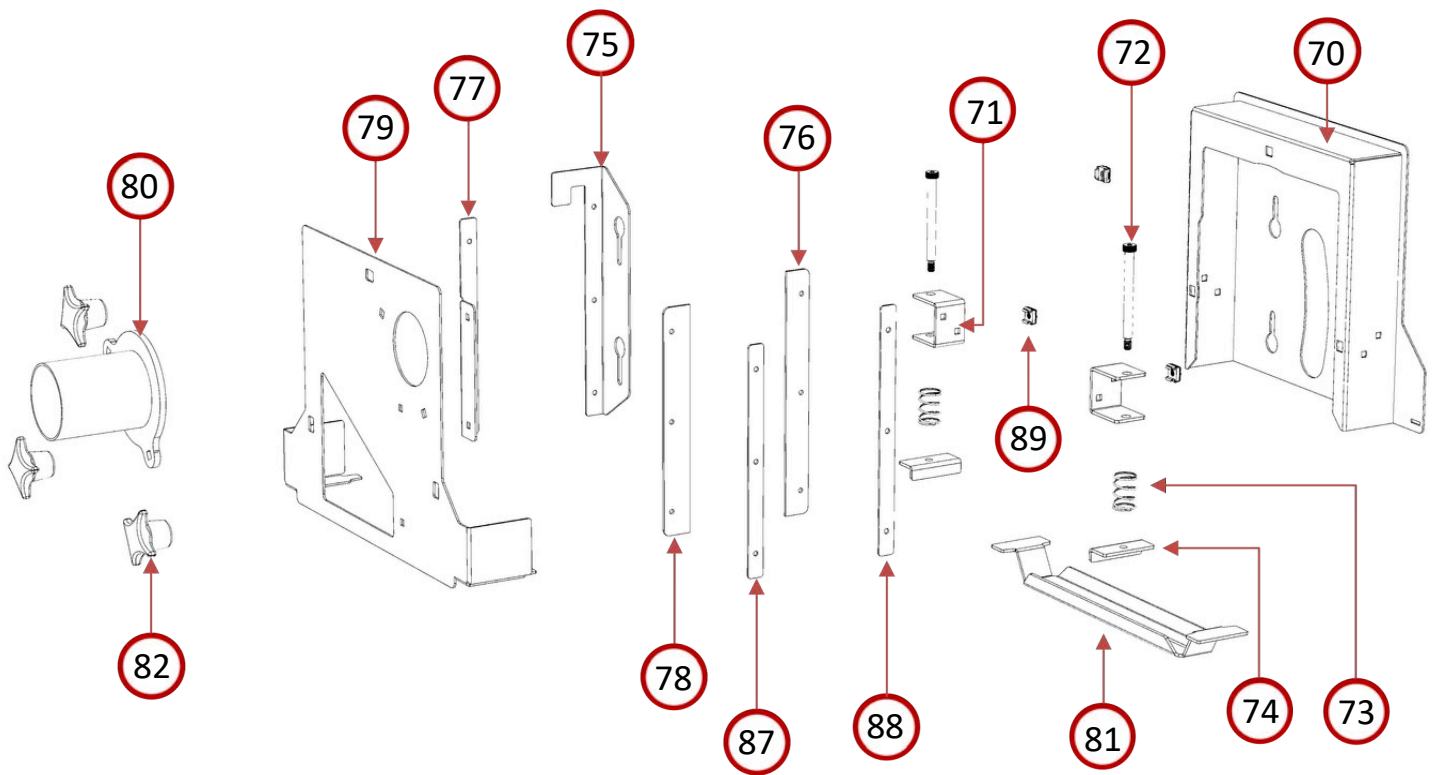
GS300 – 37.2	Sealed Rocker Switch
GS300 – 38	Electronics Cover
GS300 – 39	Shaft Wrench
GS300 – 40	Blade Shaft Nut Wrench
GS300 – 41	Upper Linkage Arm
GS300 – 42	Linkage Block
GS300 – 43	Lower Linkage arm
GS300 – 44	Pointer Arm
GS300 – 45	Complete Control Handle Assembly
GS300 – 46	Thumb Switch Cover
GS300 – 48	Emergency switch w/lanyard



Part Number	Description
GS300 – 49	Electric Drive Motor Plate
GS300 – 50.2	Wheel Shaft w/Hub
GS300 – 51	Wheel Shaft Sprocket
GS300 – 52	Wheel Shaft Bearing
GS300 – 53	Drive Motor
GS300 – 54	Drive Pulley
GS300 – 55	Drive Chain
GS300 – 56	Chain Cover
GS300 – 57	Foot Peg

GS300 – 59	8" Wheel
GS300 – 60	Shaft Collar
GS300 – 61	Motor Cover
GS300 – 62	Battery Tray
GS300 – 63	Battery
GS300 – 64.2	Battery Cover
GS300 – 65.2	Battery Cover Mount
GS300 – 66	Power Switch w/Volt Meter
GS300 – 67	Drive Motor Key (Not Pictured)
GS300 – 68	Wheel Shaft Key (Not Pictured)

GS-300 Early Entry Dust Box



Part Number	Description
GS300-70.2	Dust Box
GS300-71	Tensioner Slide Mount
GS300-72	Tensioner Slide
GS300-73	Skid Plate Tensioning Spring
GS300-74	Skid Plate Tensioner
GS300-75	Dust Box Internal Baffle
GS300-76	Internal Rubber Baffle
GS300-77	Dust Box Door Baffle
GS300-78	Door Rubber Baffle
GS300-79.2	Dust Box Door
GS300-80	Dust Port
GS300-81	Skid Plate .090 - .125 opening
GS300-82	4-arm Knob
GS300-83	Dust Port Block Off Plate (Not Pictured)
GS300-84	Complete Dust Box Assembly
GS300-85	Skid Plate 0.25 opening (Not Pictured)
GS300-86	Skid plate and deflector Kit (Not Pictured)
GS300-87	Door Baffle Clamp
GS300-88	Internal Baffle Clamp
GS300-89	Dust Box Door Nut
GS300-90	3" Dust Port
GS300-91	4" Dust Port

User Manual

Warnings!

This Saw is made for outdoor use only

*Follow the engine manufactures manual prior to saw set-up.
These instructions are only intended to show you the set-up of our saw.
Do not use until you have been trained on how to properly operate a walk behind concrete saw.*



Stay clear of others while in operation.
Debris can fly from blade area.
Eye and face protection required.



Respirator required.
Operate in well ventilated area.



Ear protection required.

Initial Handle Assembly (Fig. 1 and 2)

The GS300 handle is shipped with the control handle bolted to a shipping bracket as shown in Fig 1.

1. Remove the 3 bolts located in the upper handle (blue dots), followed by the 3 in the handle upright (red dots). (Figure 1)
2. Once all bolts are removed, use 3 of the carriage bolts and nuts to secure the handle as shown in Fig 2. While positioning handle make sure the cord is not wrapped around the handle tube.
3. Ensure that all the bolts are fully seated and securely fastened.

Figure 1

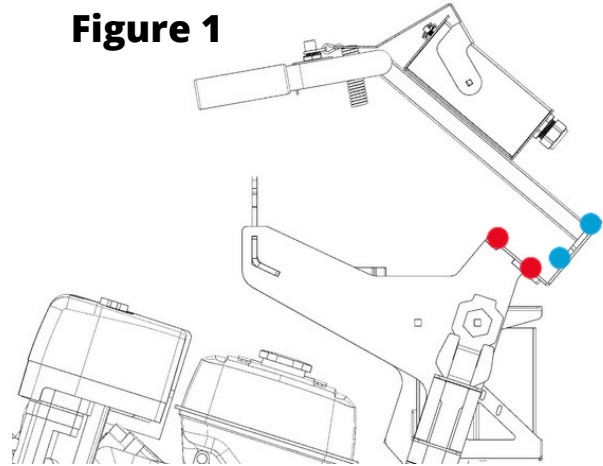
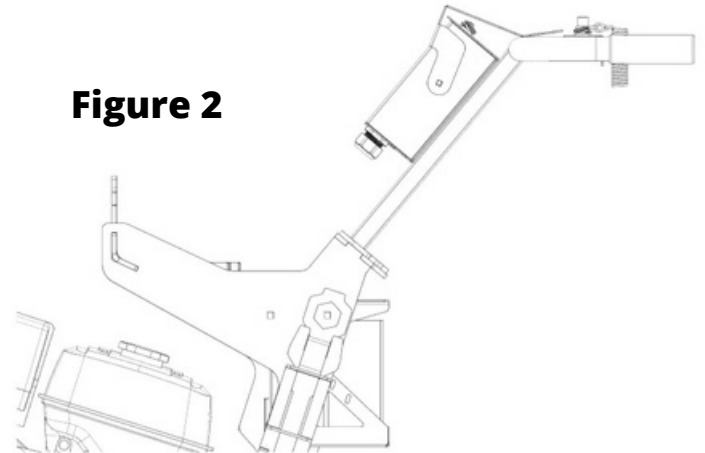


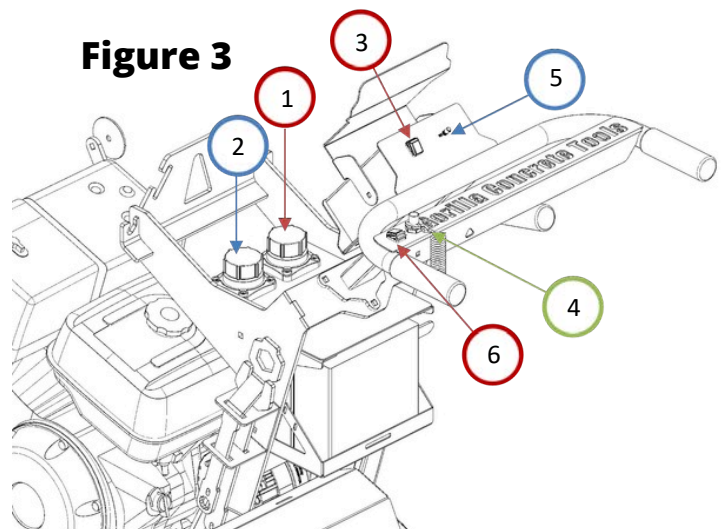
Figure 2



Drive System Operation (Figure 3)

1. Turn on main power switch
2. Turn on drive power switch
3. Select forward or reverse drive direction
4. Attach safety lanyard to operator
5. Adjust speed dial to 0
6. After the drive direction is selected and the safety lanyard is attached, use the thumb switch to enable the drive power. The thumb switch acts like cruise.
7. Once the drive is enabled, slowly adjust the speed dial to a comfortable level.
8. When the drive system is not in use turn off the drive power switch and the Main power switch. Not doing this will drain the battery levels. Battery levels can be monitored on the Main power switch.

Figure 3



Fluids

Engine oil: 10w-30

Oil Capacity: 1.2 Quarts

- Check oil level to ensure proper fill height.
Position engine so that it's level before checking oil.

Fuel: Regular Unleaded

Fuel Capacity: 1.6 Gallons

Blade Install/Removal

Ensure the engine switch is in the off position

1. Remove the three 4-arm knobs on the outside of the dust box and pull the door away from the unit. (Fig. 4)
 2. Loosen the nut on the blade shaft using the wrenches provided (Fig. 5). The flat wrench is used on the shaft, Insert the shaft wrench using the access port in top of dust box.
 3. Place one blade washer on either side of the blade (Fig. 5). Ensure the blade is oriented for a counterclockwise rotation.
 4. Reinstall all hardware and completely tighten.
-

Figure 4

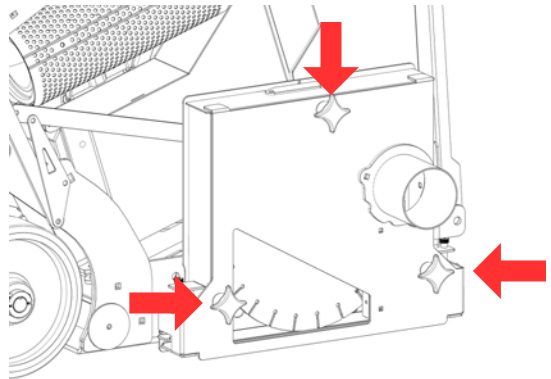
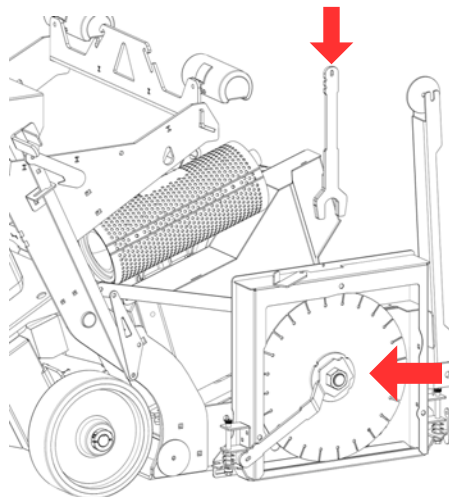


Figure 5

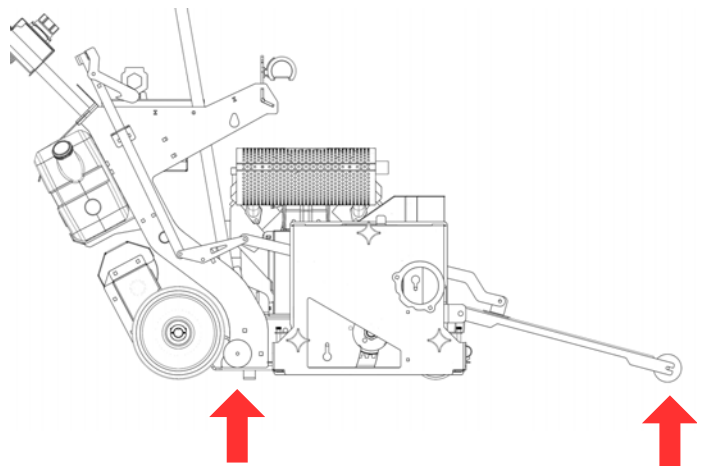


Blade Pointer Alignment

Install the blade before aligning pointers

1. Lower the pointer arm
 2. Place a straight edge against the blade spanning from the rear pointer to the front pointer
 3. Using a 1/2" wrench, loosen the pointers shown in Fig. 6 and align them with your straight edge.
 4. Tighten all loose hardware.
-

Figure 6



Depth Stop Adjustment

The blade depth gauge features reference points with 1/2" depth increments up to 2" depth.

1. Lift depth stop in channel.
2. Slide left or right and drop into alignment grooves for desired depth.



About Us

Easy to Operate | Hard to Break | Simple to Fix

When we started Gorilla Concrete Tools we had two goals in mind: to get people off their hands and knees and to reduce the risks associated with concrete dust exposure. And we have continued building equipment following those two principles making most of our saws silica dust compliant while also easy to operate, hard to break, and simple to fix.

We manufacture all of our equipment right here in the United States of America within our own facility in Columbia Station, Ohio, to ensure that those principles are followed and to guarantee we are making a quality product for our consumers.

Made in America. Columbia Station, Ohio 



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