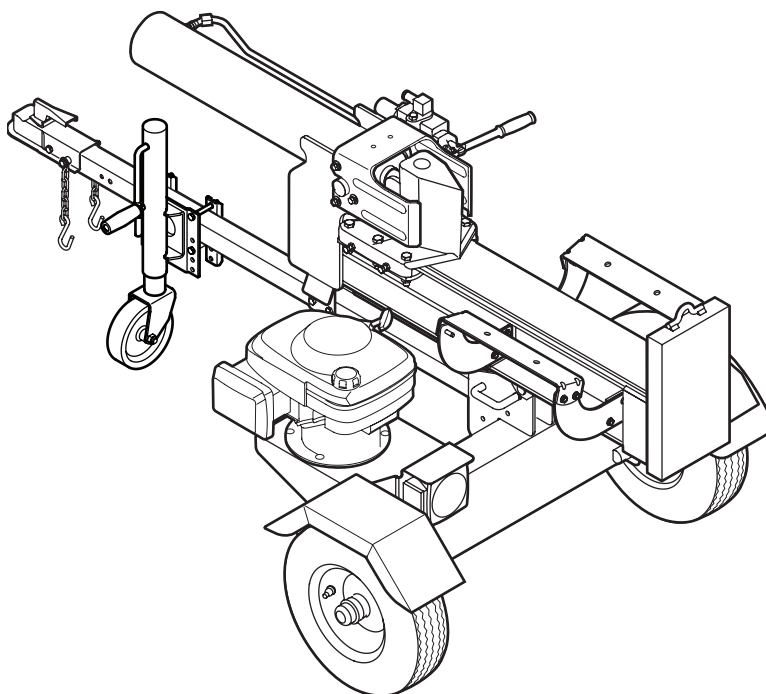


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# *Cub Cadet.*

## ILLUSTRATED PARTS MANUAL



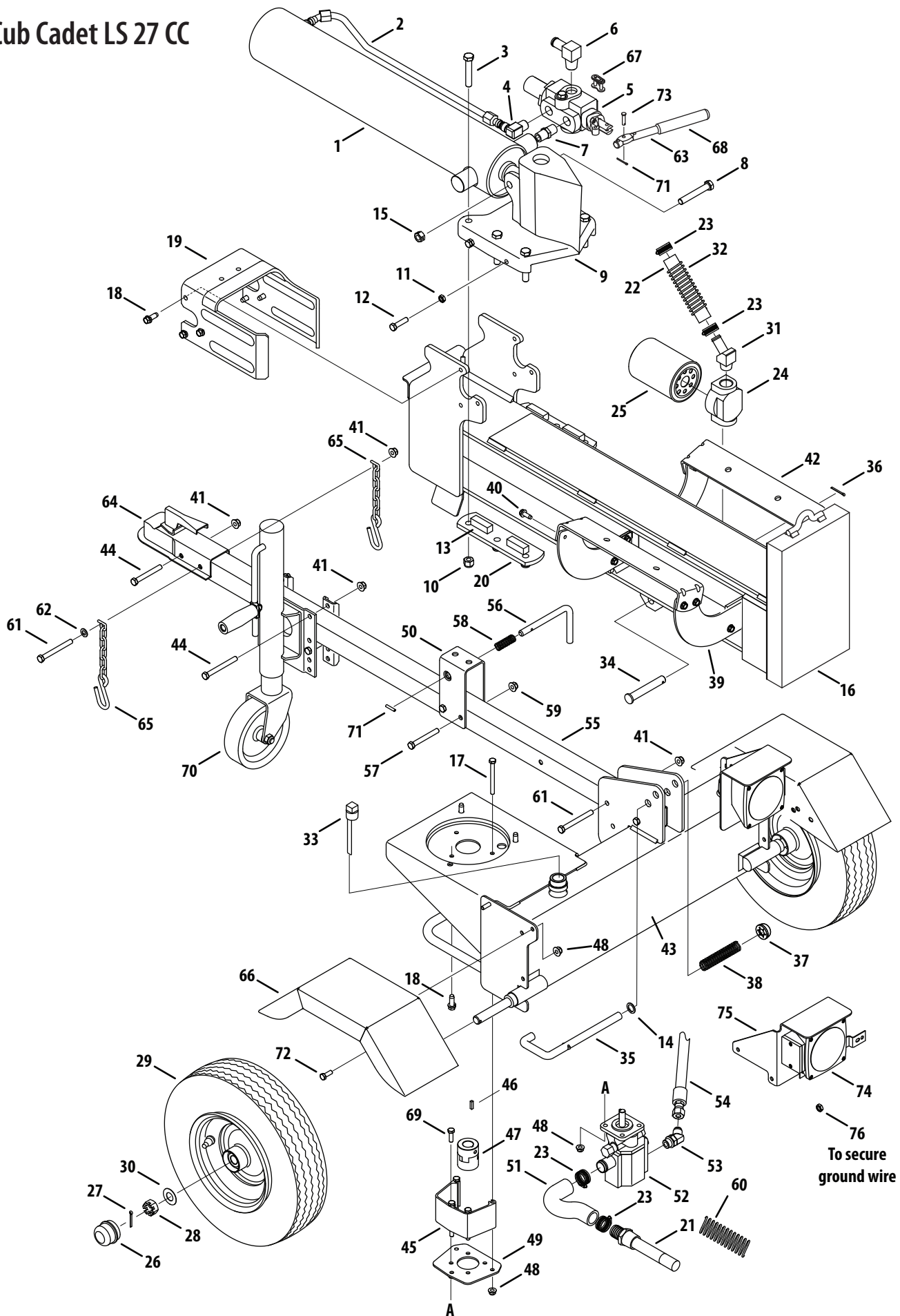
**Log Splitter — LS 27 CC**

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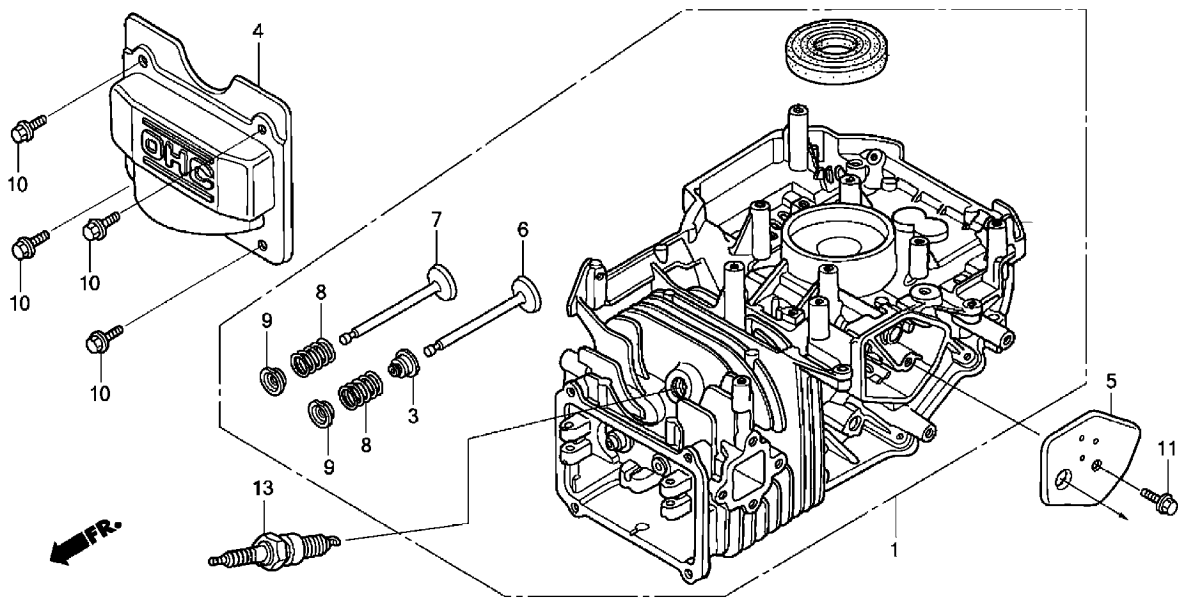
## Cub Cadet LS 27 CC



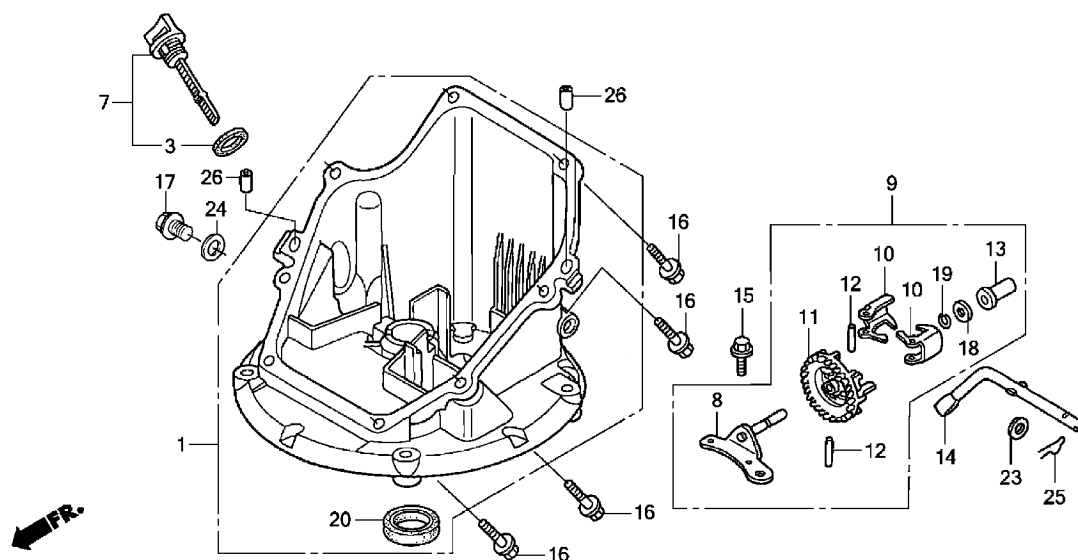
| Ref. | Part Number | Description                   |
|------|-------------|-------------------------------|
| 1    | 718-0769A   | Hydraulic Cylinder            |
| 2    | 727-04166   | Hydraulic Tube                |
| 3    | 710-1018    | Hex Cap Screw 1/2-20 x 2.75   |
| 4    | 737-0192    | 90 Degree Solid Adapter       |
| 5    | 718-0481A   | Control Valve                 |
| 6    | 737-0153    | Return Elbow                  |
| 7    | 737-0238    | Nipple Pipe 1/2-14            |
| 8    | 710-1806    | Hex Cap Screw 1/2-13 x 3.25   |
| 9    | 719-0550A   | Wedge Assembly                |
| 10   | 712-3058    | Hex Lock Nut, 1/2-20          |
| 11   | 712-0711    | Hex Jam Nut 3/8-24            |
| 12   | 710-0459A   | Hex Cap Screw 3/8-24 x 1.5    |
| 13   | 781-0351    | Adjustable Gib                |
| 14   | 736-0116    | Flat Washer.635 x.93 x.06     |
| 15   | 712-3022    | Hex Lock Nut 1/2-13           |
| 16   | 681-04071A  | Beam Assembly                 |
| 17   | 710-3056    | Hex Screw, 5/16-18 x 3.25     |
| 18   | 710-0654A   | Hex Washer Screw 3/8-16 x 1.0 |
| 19   | 781-1048A   | Dislodger Bracket             |
| 20   | 781-0790    | Back Plate                    |
| 21   | 737-04093   | Inlet Filter                  |
| 22   | 727-0443    | Return Hose 3/4" ID x 44" Lg. |
| 23   | 726-0132    | Hose Clamp 5/8"               |
| 24   | 737-0316    | Filter Housing                |
| 25   | 723-0405    | Oil Filter                    |
| 26   | 734-0873    | Hub Cap                       |
| 27   | 714-0162    | Cotter Pin                    |
| 28   | 712-0359    | Slotted Nut 3/4-16            |
| 29   | 634-0187    | Wheel Assembly                |
| 30   | 736-0351    | Flat Washer.760 ID x.500 OD   |
| 31   | 737-0312    | Adapter 3/4-14                |
| 32   | 781-0526A   | Hose Guard                    |
| 33   | 737-0348A   | Vented Dipstick               |
| 34   | 711-1587    | Clevis Pin                    |
| 35   | 781-0690    | Lock Rod                      |
| 36   | 714-0470    | Cotter Pin                    |
| 37   | 726-0214    | Push Cap                      |
| 38   | 732-0583    | Compression Spring            |
| 39   | 781-04180   | Log Tray Bracket              |

| Ref. | Part Number | Description                   |
|------|-------------|-------------------------------|
| 40   | 710-0650    | TT Screw, 5/16-18 x.875       |
| 41   | 712-04065   | Flange Lock Nut, 3/8-16       |
| 42   | 781-04179   | Log Tray                      |
| 43   | 681-04040A  | Frame Assembly                |
| 44   | 710-0521    | Hex Bolt 3/8-16 x 3"          |
| 45   | 719-0353    | Coupling Shield               |
| 46   | 714-0122    | Square Key 3/16" x.75         |
| 47   | 718-04145   | Flexible Coupling             |
| 48   | 712-04063   | Flange Lock Nut, 5/16-18      |
| 49   | 781-0097    | Rear Coupling Support Bracket |
| 50   | 781-1045    | Beam Support                  |
| 51   | 727-04130   | Hose                          |
| 52   | 718-04127   | Gear Pump                     |
| 53   | 737-0329    | 45 Degree Elbow Fitting       |
| 54   | 727-0502    | High Pressure Hydraulic Hose  |
| 55   | 781-0788    | Tongue Assembly               |
| 56   | 747-1261    | Latch Rod                     |
| 57   | 710-0521    | Hex Head Screw, 3/8-16 x 3    |
| 58   | 732-3127    | Compression Spring            |
| 59   | 710-04065   | Flange Lock Nut, 3/8-16       |
| 60   | 781-0538A   | Hose Guard                    |
| 61   | 710-3085    | Hex Cap Screw, 3/8-16 x 3.50  |
| 62   | 736-0185    | Flat Washer,.375 x.738 x.063  |
| 63   | 747-04539   | Hydraulic Valve Control       |
| 64   | 681-04030   | Hitch Coupling Assembly       |
| 65   | 713-0433A   | Chain                         |
| 66   | 781-04002   | Fender                        |
| 67   | 713-04036   | Valve Handle Link             |
| 68   | 720-04088   | Grip                          |
| 69   | 710-0376    | Hex Screw, 5/16-18 x 1.00     |
| 70   | 681-04029   | Adjustable Assembly Stand     |
| 71   | 715-0120    | Spirol Pin                    |
| 72   | 710-0650    | TT Screw, 5/16-18 x 0.875"    |
| 73   | 711-04585   | Clevis Pin                    |
| 74   | 625-0062    | Light Kit                     |
| 75   | 681-0164    | Light Bracket - LH            |
|      | 781-1027A   | Light Bracket - RH            |
| 76   | 712-3008    | Jam Nut, 3/8-16               |

### Cub Cadet LS 27 CC (Honda GCV160LA)



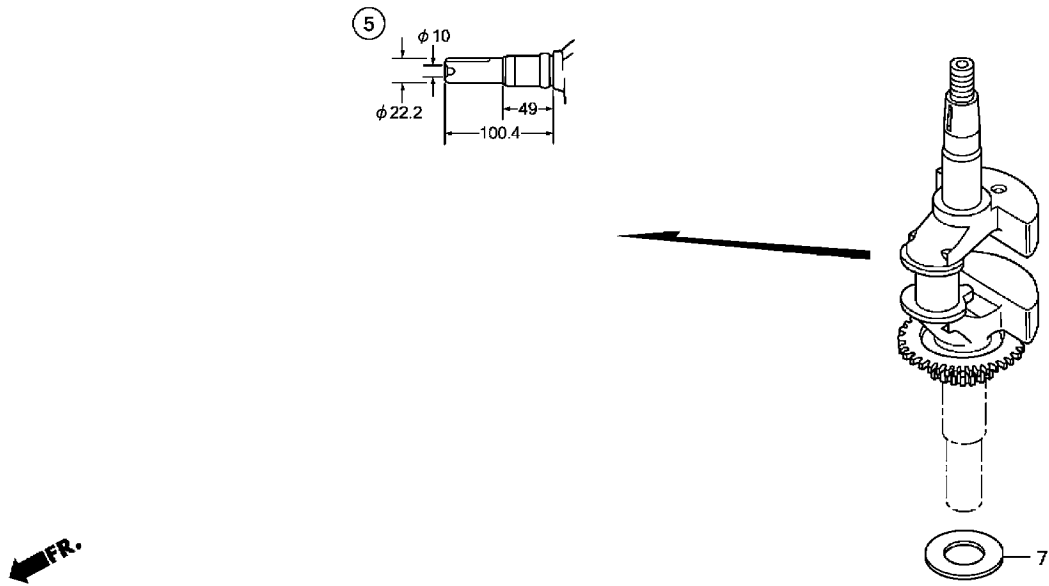
| Ref. | Part Number   | Description                         |
|------|---------------|-------------------------------------|
| 1    | 12000-ZL8-425 | Cylinder Assy.                      |
| 3    | 12209-ZM0-003 | Seal, Valve Stem                    |
| 4    | 12311-ZL8-D00 | See Part Details - Pri; Cover, Head |
| 4    | 12311-ZL8-000 | See Part Details - Sup; Cover, Head |
| 5    | 12355-ZL8-000 | Cover, Breather                     |
| 6    | 14711-Z0J-000 | Pri; Valve, In. (Rocknel)           |
| 7    | 14721-ZL8-000 | Valve, Ex.                          |
| 8    | 14751-ZL8-000 | Spring, Valve                       |
| 9    | 14771-Z0J-000 | Retainer, Valve Spring              |
| 10   | 90013-883-000 | Bolt, Flange (6x12) (Ct200)         |
| 11   | 90014-952-000 | Bolt, Flange (6x14) (Ct200)         |
| 12   | 91201-ZL8-003 | Oil Seal (25.4x62x6)                |
| 13   | 98079-56846   | Spark Plug (Bpr6es) (NGK)           |

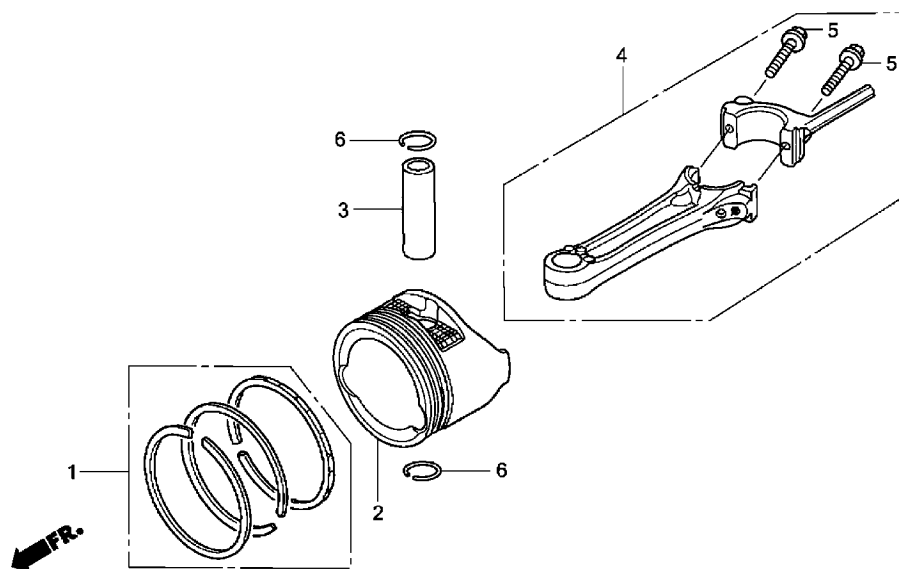


| Ref. | Part Number   | Description                 |
|------|---------------|-----------------------------|
| 1    | 11300-Z0L-821 | Pan Assy., Oil (Sae)        |
| 3    | 15625-Z2L-801 | Gasket, Oil Filler Cap      |
| 7    | 15650-Z0L-000 | Gauge Assy., Oil Level      |
| 8    | 16508-ZM0-010 | Pri; Shaft, Governor Holder |
| 9    | 16510-ZM0-010 | Pri; Governor Assy.         |
| 10   | 16511-ZL8-000 | Weight, Governor            |
| 11   | 16512-ZM0-000 | Holder, Governor Weight     |
| 12   | 16513-ZE1-000 | Pin, Governor Weight        |
| 13   | 16531-ZE1-000 | Slider, Governor            |
| 14   | 16541-ZM0-000 | Shaft, Governor Arm         |
| 15   | 90014-952-000 | Bolt, Flange (6x14) (Ct200) |

| Ref. | Part Number   | Description                   |
|------|---------------|-------------------------------|
| 16   | 90121-952-000 | Bolt, Flange (6x25) (Ct200)   |
| 17   | 90131-883-000 | Sup; Bolt, Drain Plug (12x15) |
| 17   | 90131-896-650 | Pri; Bolt, Drain Plug         |
| 18   | 90451-ZE1-000 | Washer, Thrust (6mm)          |
| 19   | 90602-ZE1-000 | Pri; Clip, Governor Holder    |
| 20   | 91202-ZM0-V31 | Oil Seal (28x41.25x6)         |
| 23   | 94101-06800   | Washer, Plain (6mm)           |
| 24   | 94109-12000   | Washer, Drain Plug (12mm)     |
| 25   | 94251-08000   | Pin, Lock (8mm)               |
| 26   | 94301-08200   | Pin, Dowel (8x20)             |

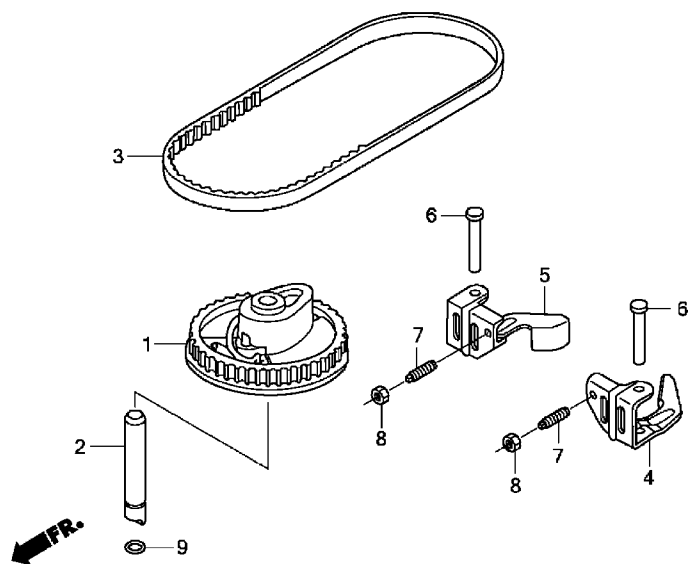
# Cub Cadet LS 27 CC (Honda GCV160LA)



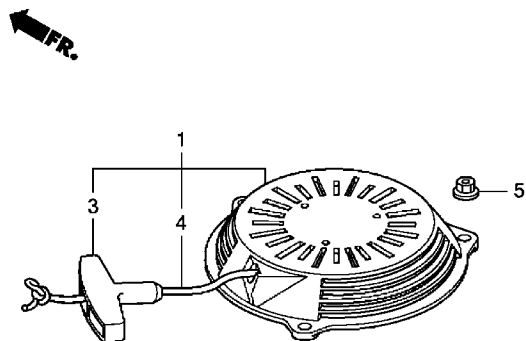


| Ref. | Part Number   | Description                       |
|------|---------------|-----------------------------------|
| 1    | 13010-Z0L-014 | Ring Set, Piston (Std). (Teikoku) |
| 2    | 13101-Z2A-010 | Piston                            |
| 3    | 13111-ZE0-000 | Pin, Piston                       |
| 4    | 13200-Z0J-000 | Rod Assy., Connecting.            |
| 5    | 90001-ZE1-000 | Bolt, Connecting Rod.             |
| 6    | 90551-ZE0-000 | Clip, Piston Pin (13mm)           |

## Cub Cadet LS 27 CC (Honda GCV160LA)

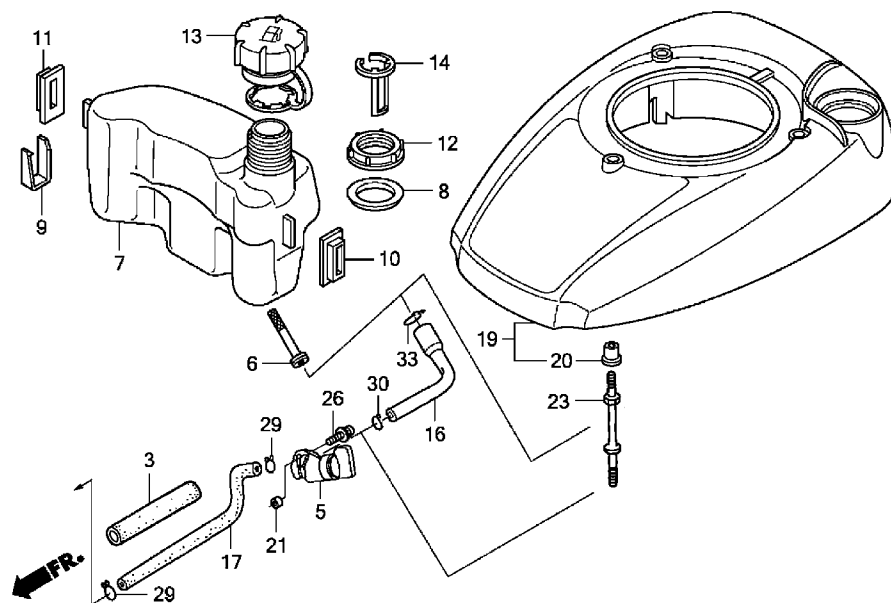


| Ref. | Part Number   | Description                |
|------|---------------|----------------------------|
| 1    | 14320-ZL8-010 | Pulley, Camshaft.          |
| 2    | 14324-ZL8-000 | Shaft, Cam Pulley          |
| 3    | 14400-Z0J-014 | Belt, Timing (84hu7 G-200) |
| 4    | 14431-Z0J-000 | Arm, In. Valve Rocker      |
| 5    | 14441-Z0J-000 | Pri; Arm, Ex. Valve Rocker |
| 6    | 14461-ZL8-000 | Shaft, Rocker Arm          |
| 7    | 90012-333-000 | Screw, Tappet Adjusting    |
| 8    | 90206-001-000 | Nut, Tappet Adjusting.     |
| 9    | 91301-ZM0-V31 | O-ring (6.8x1.9) (Arai).   |



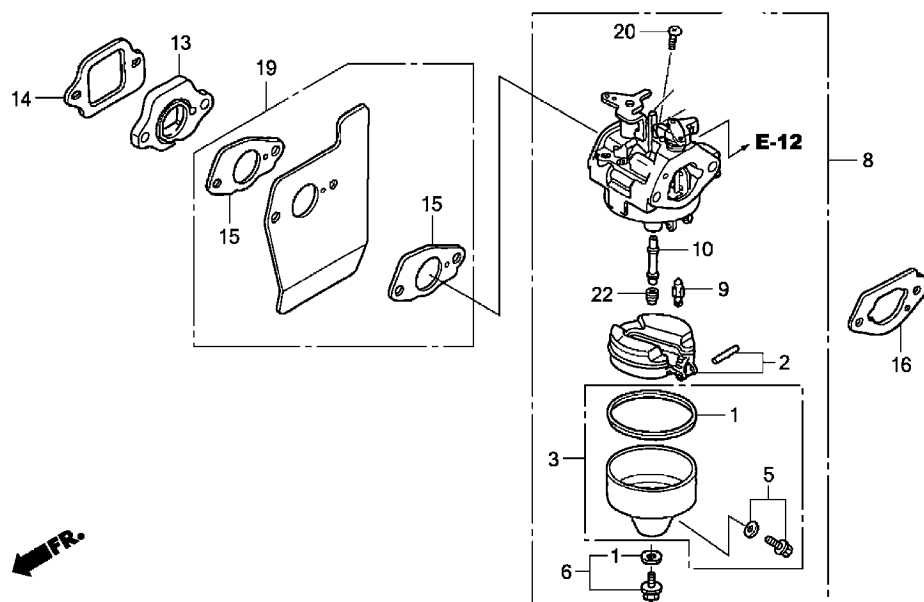
| Ref. | Part Number     | Description                      |
|------|-----------------|----------------------------------|
| 1    | 28400-ZL8-023ZA | Pri; Starter Assy., Recoil *nh1* |
| 3    | 28461-ZL8-003   | Grip, Starter.                   |
| 4    | 28462-ZL8-003   | Rope, Recoil Starter.            |
| 5    | 90201-ZM0-000   | Nut, Flange (6mm).               |

## Cub Cadet LS 27 CC (Honda GCV160LA)



| Ref. | Part Number   | Description               |
|------|---------------|---------------------------|
| 3    | 16854-ZH8-000 | Rubber, Supporter (107mm) |
| 5    | 16950-ZM0-003 | Petcock Assy.             |
| 6    | 16952-ZA8-800 | Filter, Fuel              |
| 7    | 17511-Z0L-000 | Tank, Fuel                |
| 8    | 17514-Z0L-000 | Seal, Fuel Filler Neck    |
| 9    | 17516-Z0L-000 | Clip, Tank Mounting.      |
| 10   | 17532-Z0L-000 | Rubber A, Tank Mounting   |
| 11   | 17533-Z0L-000 | Rubber B, Tank Mounting   |
| 12   | 17534-Z0L-000 | Nut, Tank Mounting        |
| 13   | 17620-Z0J-800 | Cap Assy., Fuel Tank.     |
| 14   | 17636-Z0L-000 | Gauge, Fuel Level         |

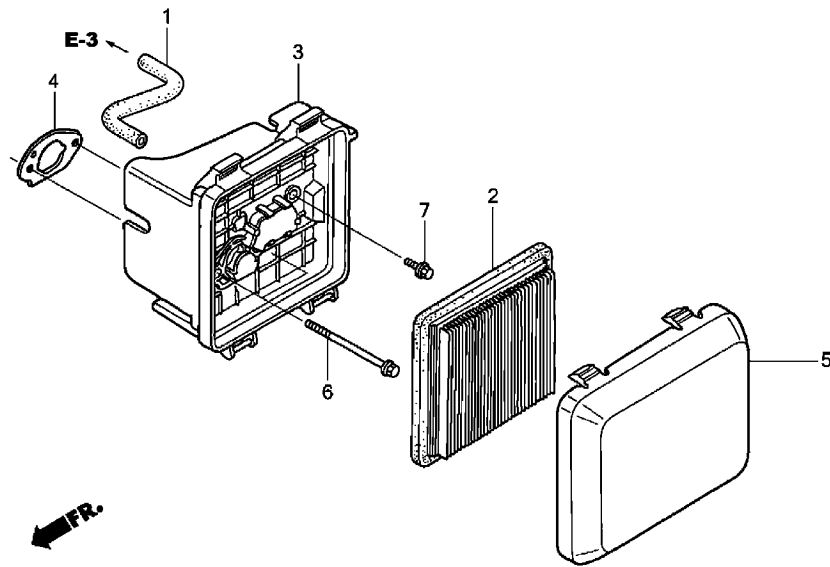
| Ref. | Part Number     | Description              |
|------|-----------------|--------------------------|
| 16   | 17701-Z0L-810   | Tube, Fuel Tank          |
| 17   | 17702-ZM0-800   | Tube, Fuel               |
| 19   | 19610-Z0L-850ZA | Cover, Fan *nh1* (Black) |
| 20   | 19619-ZL8-300   | Collar, Fan Cover        |
| 21   | 91501-Z0L-800   | Collar, Fuel Petcock     |
| 23   | 90043-ZL8-000   | Bolt, Stud (H=42.5mm)    |
| 26   | 93891-05010-08  | Screw-washer (5x10)      |
| 29   | 95002-02080     | Clip, Tube (B8)          |
| 30   | 95002-02100     | Clip, Tube (B10)         |
| 33   | 95002-70000     | Clip, Tube (C11)         |



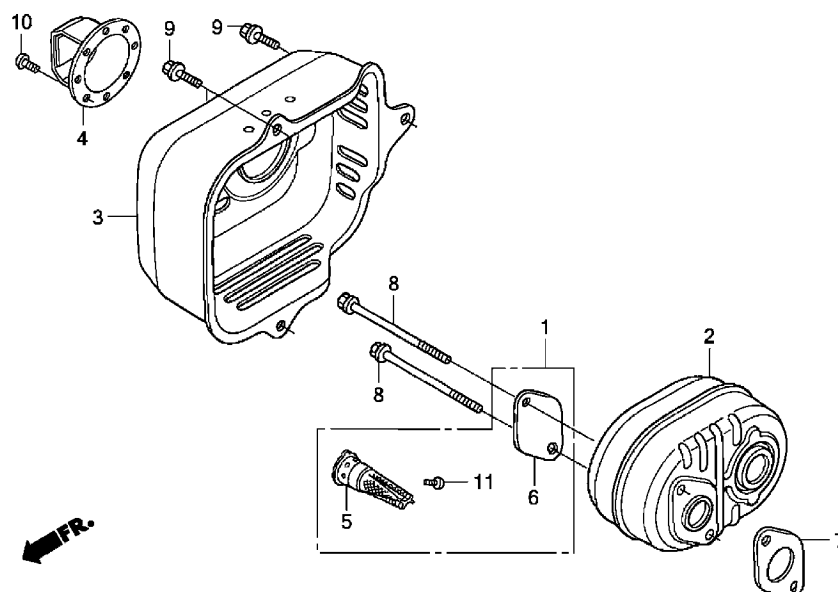
| Ref. | Part Number   | Description           |
|------|---------------|-----------------------|
| 1    | 16010-883-015 | Gasket Set.           |
| 2    | 16013-ZL1-003 | Float Set             |
| 3    | 16015-887-782 | Chamber Set, Float    |
| 5    | 16024-ZE1-811 | Screw Set, Drain      |
| 6    | 16028-ZE0-005 | Screw Set             |
| 8    | 16100-Z0L-861 | Carburetor Assy..     |
| 9    | 16155-ZM0-013 | Valve, Float          |
| 10   | 16166-ZM0-003 | Nozzle, Main          |
| 13   | 16211-ZL8-000 | Insulator, Carburetor |

| Ref. | Part Number    | Description        |
|------|----------------|--------------------|
| 14   | 16212-ZL8-000  | Gasket, Insulator  |
| 15   | 16221-883-800  | Gasket, Carburetor |
| 16   | 16228-ZL8-000  | Gasket, Carburetor |
| 19   | 19650-ZM0-000  | Guide, Air         |
| 20   | 93500-05006-0H | Screw, Pan (5x6)   |
| 22   | 99101-124-0600 | Jet, Main (#60)    |
| 22   | 99101-124-0620 | Jet, Main (#62)    |
| 22   | 99101-124-0650 | Jet, Main (#65)    |

## Cub Cadet LS 27 CC (Honda GCV160LA)

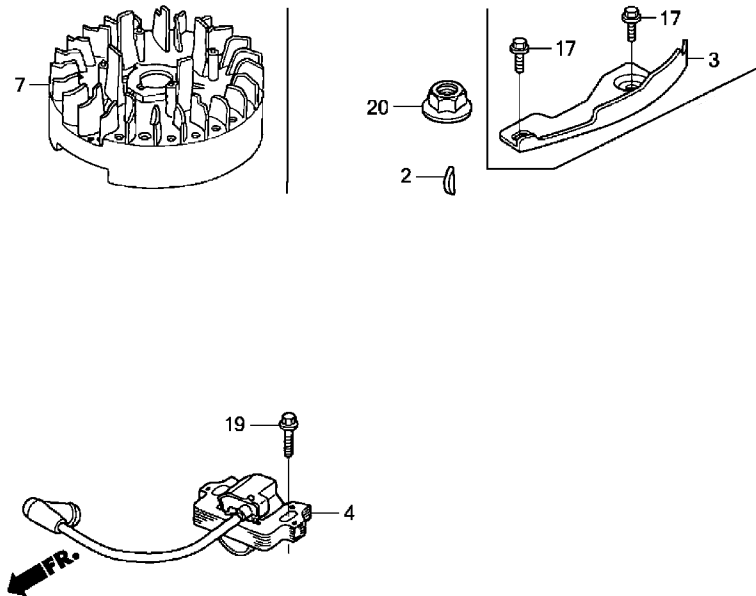


| Ref. | Part Number    | Description                 |
|------|----------------|-----------------------------|
| 1    | 15721-ZM0-000  | Tube, Breather              |
| 2    | 17211-ZL8-023  | Pri; Element, Air Cleaner   |
| 3    | 17220-ZM0-000  | Case Assy., Air Cleaner     |
| 4    | 17228-ZM0-000  | Gasket, Air Cleaner         |
| 5    | 17231-Z0L-030  | Pri; Cover, Air Cleaner     |
| 6    | 90003-ZM0-000  | Bolt, Flange (6x86) (Ct200) |
| 7    | 95701-06014-08 | Bolt, Flange (6x14)         |

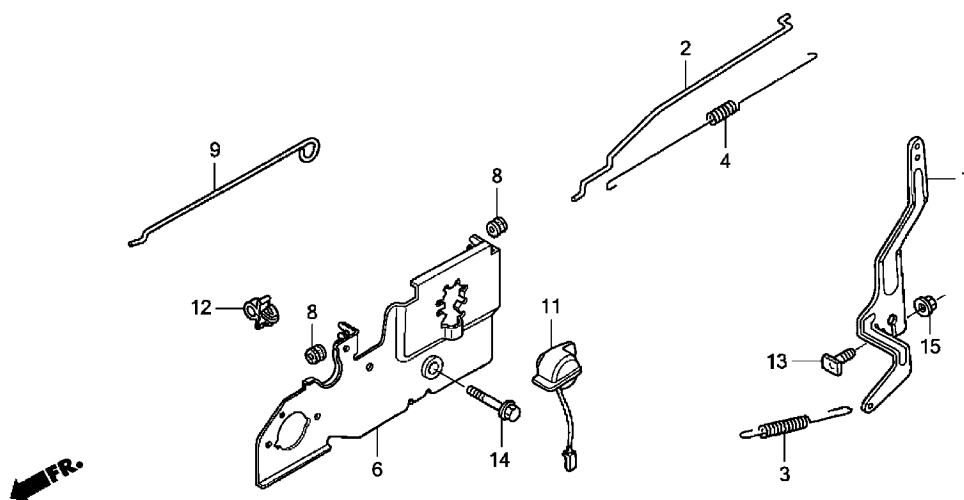


| Ref. | Part Number   | Description                 |
|------|---------------|-----------------------------|
| 1    | 06180-Z0J-000 | Arrester Kit, Spark         |
| 2    | 18310-ZM0-000 | Muffler.                    |
| 3    | 18321-Z0L-000 | Protector, Muffler          |
| 4    | 18348-Z0L-000 | Cap, Muffler                |
| 5    | 18350-ZL8-000 | Arrester, Spark             |
| 6    | 18356-ZL8-000 | Plate, Arrester Number      |
| 7    | 18381-ZL8-305 | Gasket, Muffler             |
| 8    | 90004-ZL8-000 | Bolt, Flange (6x79) (Ct200) |
| 9    | 90013-883-000 | Bolt, Flange (6x12) (Ct200) |
| 10   | 90055-ZE1-000 | Screw, Tapping (4x6)        |
| 11   | 90055-ZE1-000 | Screw, Tapping (4x6)        |

## Cub Cadet LS 27 CC (Honda GCV160LA)

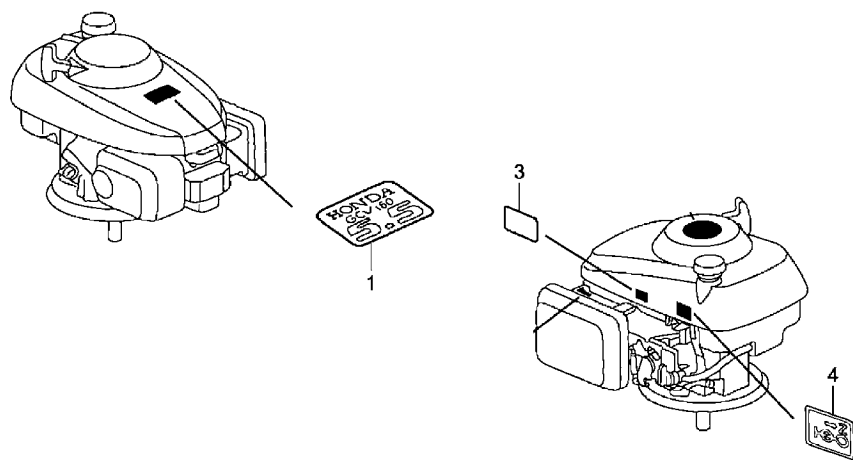


| Ref. | Part Number   | Description                   |
|------|---------------|-------------------------------|
| 2    | 13331-357-000 | Key, Special Woodruff         |
| 3    | 19612-Z0L-000 | Plate, Side                   |
| 4    | 30500-Z0J-003 | Coil Assy., Ignition (Phelon) |
| 7    | 31110-Z0J-013 | Flywheel Comp. (Phelon)       |
| 17   | 90013-883-000 | Bolt, Flange (6x12) (Ct200)   |
| 19   | 90022-888-010 | Bolt, Flange (6x20) (Ct200)   |
| 20   | 90201-878-003 | Pri; Nut, Special (14mm)      |



| Ref. | Part Number   | Description               |
|------|---------------|---------------------------|
| 1    | 16551-ZM0-010 | Arm, Governor             |
| 2    | 16555-Z0L-800 | Rod, Governor             |
| 3    | 16561-ZM0-V30 | Spring, Governor          |
| 4    | 16562-ZM0-000 | Spring, Throttle Return   |
| 6    | 16580-Z0L-800 | Base, Control             |
| 8    | 16613-893-000 | Grommet, Choke Rod        |
| 9    | 16674-Z0L-800 | Rod, Choke                |
| 11   | 35120-Z0L-801 | Switch Assy., Engine Stop |
| 12   | 51125-Z0L-003 | Holder, Wire              |
| 12   | 90681-959-003 | Clip A, Cable (Nifco)     |
| 13   | 90015-ZE5-010 | Bolt, Governor Arm        |
| 14   | 90016-ZE8-000 | Bolt, Flange (6x45)       |
| 15   | 94050-06000   | Nut, Flange (6mm)         |

## Cub Cadet LS 27 CC (Honda GCV160LA)



| Ref. | Part Number   | Description              |
|------|---------------|--------------------------|
| 1    | 87101-ZM0-010 | Pri; Emblem (Gcv160 5.5) |
| 3    | 87114-ZH7-821 | Label, Warning           |
| 4    | 87528-ZL8-000 | Mark, Choke              |



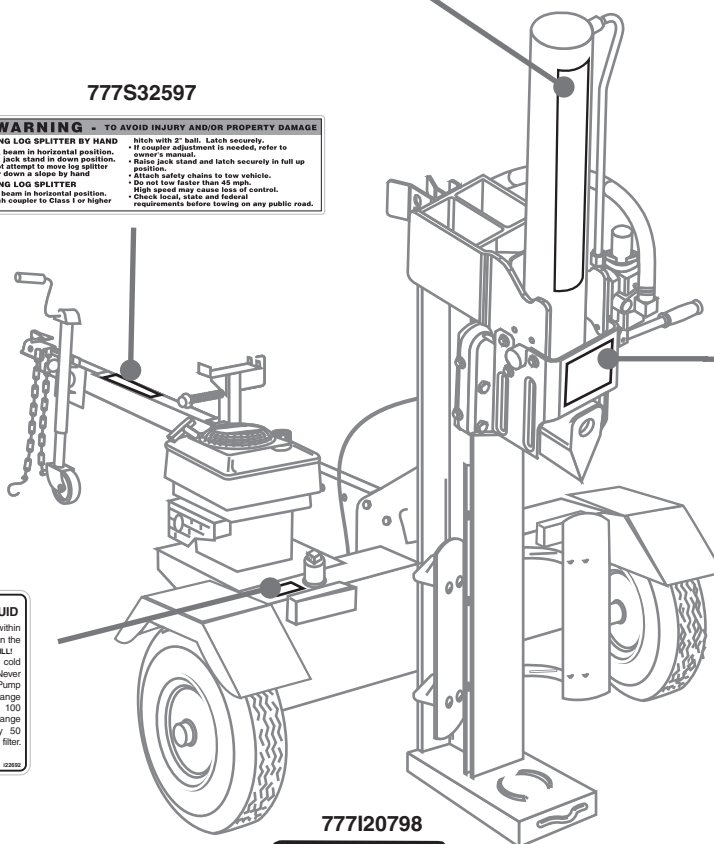
**⚠ WARNING - TO AVOID PERSONAL AND PROPERTY DAMAGE**

**MOVING LOG SPLITTER BY HAND**

- **Log beam in horizontal position.**
- **Log beam stand in level position.**
- **Do not attempt to move log splitter up or down slopes by hand**

**MOVING LOG SPLITTER**

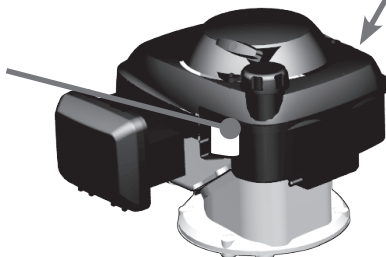
- **Log beam in horizontal position.**
- **Attach coupler to Class I or higher hitch with 2" ball. Latch securely.**
- **If coupler adjustment is needed, refer to owner's manual.**
- **Stand on stand and latch securely in full up position.**
- **Attach safety chains to tow vehicle.**
- **Do not tow faster than 5 mph.**
- **High speed may cause loss of control.**
- **Check local, state and federal requirements before towing on any public road.**



**Fuel Valve**

122037

USE SAE  
**10W30** OIL



**DO NOT STEP**

[illegible]

[illegible]



To order replacement parts, call a Customer Support Representative at (800) 965-4CUB.  
Locate your nearest Cub Cadet dealer at (877) 282-8684  
or visit [www.cubcadet.com](http://www.cubcadet.com) to find the nearest Cub Cadet dealer in your area.

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**CUB CADET LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019**

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