

REDHAWK
FRONT END LOADER
Part# RHFRONTLOADER

PACKING BOX KIT

BOX KIT

- 1- FRONTLOADER
- 1- 2" HITCH RECEIVER MOUNT PLATE (Part#6652)
- 1- WIRE HARNESS (Part#RH8429)
- 1- HITCH PIN (Part#PA1613)

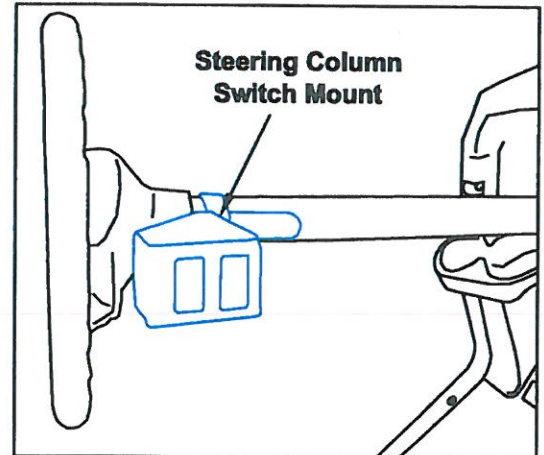
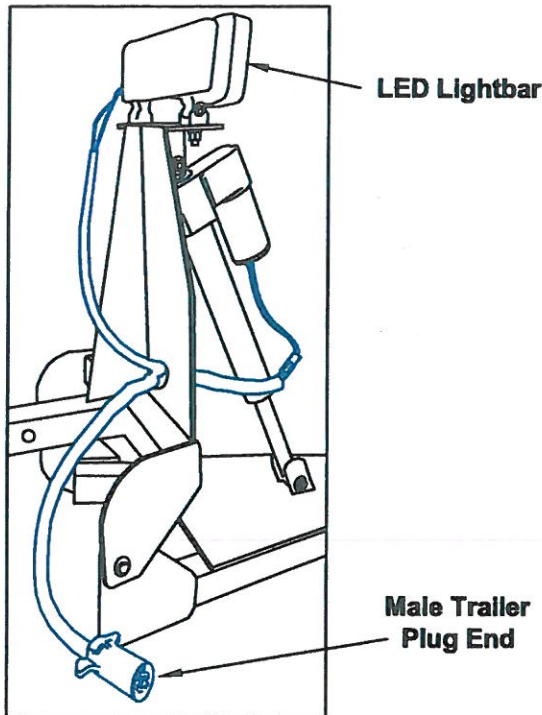
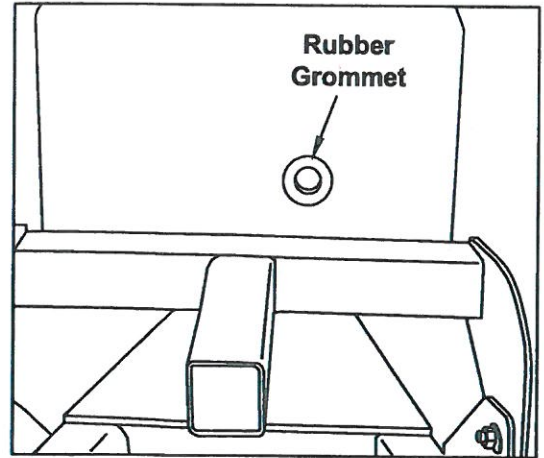
(Instructions, Bolt Kit & Mounts come in the Mounting Kits.)



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| TITLE: FRONT END LOADER PACKING BOX KIT | | |
| DRAWN BY: R Haerer/Rev CN | DATE: March 29, 2018 | DWG NO. # 8455-2 |
| SHEET: 1 of 1 | SCALE: Not To Scale | |

REDHAWK FRONT LOADER PART #RH8429 WIRE HARNESS INSTALLATION INSTRUCTIONS

Step 1. Install the front section of the wire harness (#8428) to the front loader. This will be the section with the male trailer plug end attached. Feed the actuator plug end through the rubber grommet in the actuator tower plate, until you reach the "T". Plug the main actuator into the end of the wire harness. (Red & Brown wires) Plug the tilt actuator into the side leg of the wire harness. (White & Blue wires)



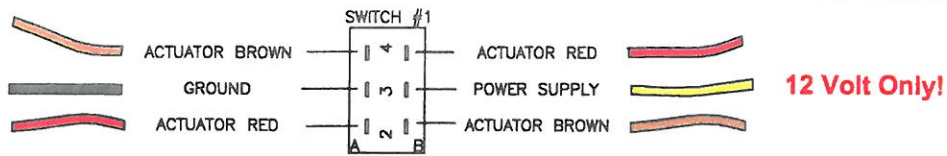
Step 2. Install the LED Lightbat Kit #PA16814FL, using the Installation Instructions provided at this time.

Step 3. Remove the switches from the switch mount and disconnect the wiring.

Step 4. Install the Steering Column Switch Mount #6657 to the cars steering column using the provided hose clamp and cover.



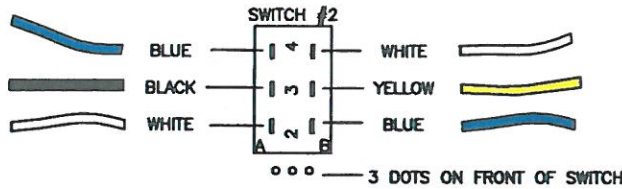
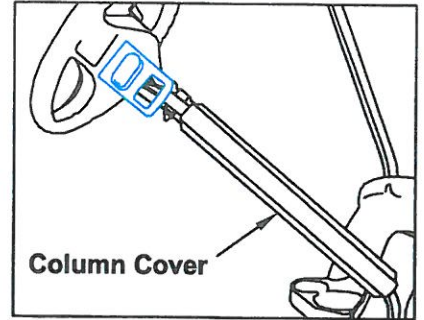
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| TITLE: Front Loader Wire Harness Installation Instructions | | |
| DRAWN BY: R Haerer/Rev CN | DATE: March 29, 2018 | DWG NO. # 8456-1 |
| SHEET: 1 of 2 | SCALE: Not To Scale | |



NOTE: One set of Black/Yellow is not connected at this time

Step 5. From the front of the car, run wires removed from the switch, light switch and wires under the cowl through to the steering column.

Step 6. Run switch wires up the column and through the switch mount. Re-wire and replace switch per switch diagram. Cover wires on the column with the column cover #102529201 provided.

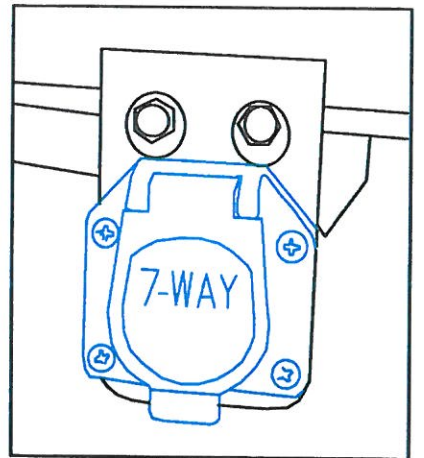


Step 7. Install light switch (yellow & green) to the dash as you see fit.

Step 8. Run yellow & black power supply wires to 12 volt only power source and attach as you see fit.

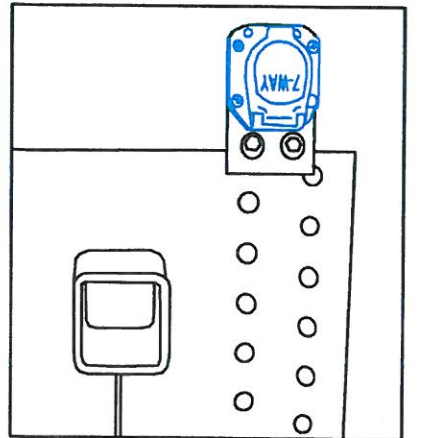
(Use 12 Volt Power Source)

Step 9. Using the pinch style mounting bracket provided, attach plug to car or the mount plate as you see fit. The mounting bracket may also be bolted to the car or mount plate by removing the angle from the back of the mount. Once mounted, the plug may be rotated in the mount as needed. Attach trailer plug to mount plate using four (4) #8x32x1" PH bolts, four (4) 3/16" back up washers and four (4) #8x32 lock nuts.



Attach to front of car

Step 10. Tie any excess wiring under the car or cowl to keep them away from any moving parts.



Attach to Snowplow Mounting Plate

Bolt Kit (ACG)

- 4 - #8x32x1" PH bolts
- 4 - 3/16" back-up washers
- 4 - #8x32 locknuts

Box Kit

- 1 - Instructions
- 1 - Bolt Kit
- 1 - 6" long 1/2" Wire loom
- 1 - Steering Column Switch Mount #6657
- 1 - 2" Hose clamp
- 1 - Column cover #102529201
- 1 - Bullett male #842205
- 1 - Bullett female #800735
- 1 - 16" of 1/2" Wire Loom
- 1 - Wire Harness #8428 (2 Peices)
- 1 - Plug Mount #7450



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REDHAWK

FRONT LOADER ASSEMBLY

Part# FRONTLOADERASSY

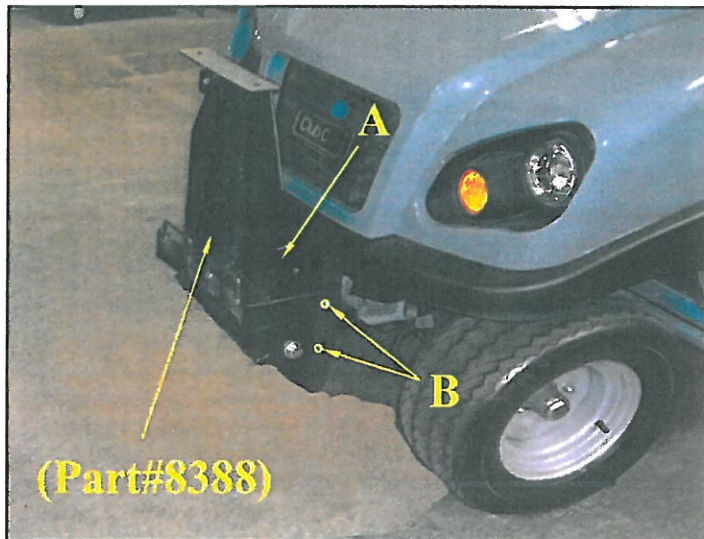
INSTALLATION INSTRUCTIONS



NOTE:

*GOLF CAR BRAND DOES NOT MATTER, for assembling the front loader!

Install your mounting brackets and hardware to the car, following the mounting instructions for your car brand installing the hitch receiver mount (Part#6652) and running the wire harness (Part#8429) .



STEP 1:

Install the tower mount (Part#8388) to the car by sliding it into the hitch receiver mount (Part#6652).

Secure through the receiver tube hitch at (Location A) with bolt or pin:

- (1)- $\frac{5}{8}$ " x $3\frac{1}{2}$ " hex head bolt,
- (2)- $\frac{5}{8}$ " flatwashers, (1)- $\frac{5}{8}$ " locknut.
- (1)- hitch receiver pin #

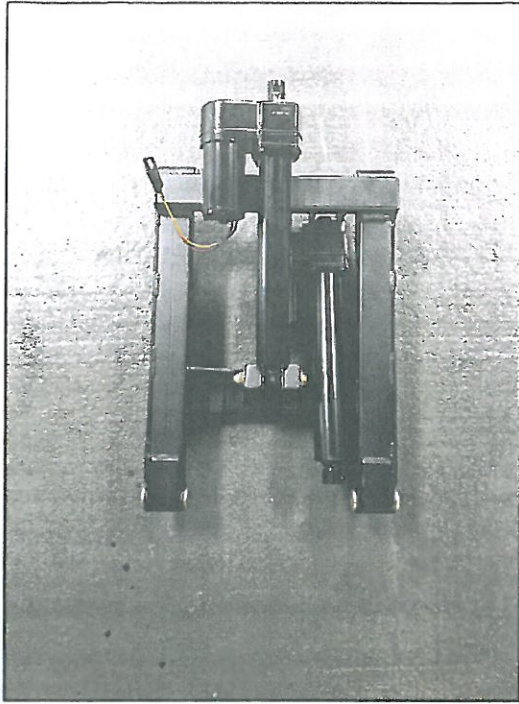
*NOTE: If using pin, make sure pin handle points upward.

Secure the plates together on each side at (Location B) using:

- (4)- $\frac{1}{4}$ " x 1 hex head bolts,
- (8)- $\frac{1}{4}$ " flatwashers,
- (4)- $\frac{1}{4}$ " locknuts.



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| TITLE: FRONTLOADER ASSY. INSTALLATION INSTRUCTIONS | | |
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| SHEET: 1 of 4 | SCALE: Not To Scale | |



NOTE: *Do NOT overtighten bolts on (Steps 2-7), could cause lack of bucket movement.

STEP 2:

Place the lower frame mount w/actuators (Part#8395), inside the tower mount (Part#8388).

*Make sure the side of the lower frame mount with motor of the accuator is closest to the car.

Secure at (Location C) with:

- (2)- $\frac{3}{4}$ " x $4\frac{1}{2}$ " hex head bolts,
- (4)- $\frac{3}{4}$ " ($1\frac{7}{16}$ " O.D.) flatwashers,
- (2)- $\frac{3}{4}$ " locknuts.

STEP 3:

Install the bottom motor end of main accuator (Part#6688) to the tower mount at (Location D) using:

- (1)- $\frac{7}{16}$ " x $3\frac{1}{4}$ " hex head bolts,
- (2)- $\frac{7}{16}$ " flatwashers,
- (4)- $\frac{3}{16}$ " poly flatwashers,
- (1)- $\frac{7}{16}$ " locknut.

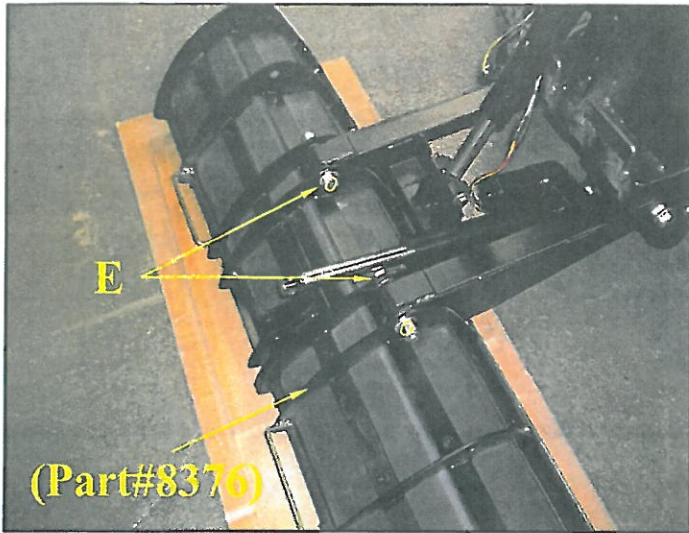
* (2)- poly washer goes on each side of the accuator.



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| SHEET: 2 of 4 | SCALE: Not To Scale | # 8375-3 |

STEP 4:

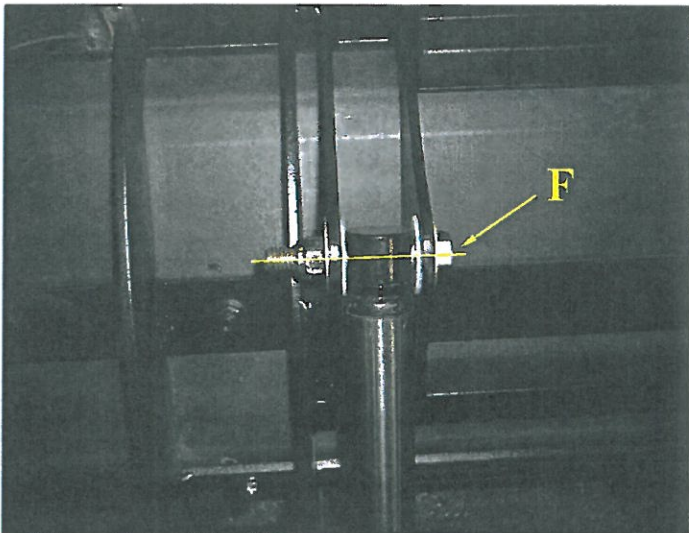
Hook up both actuators to the wire harness installed on the car already. Raise the lower frame mount (Part#8395) enough that you can slide the bucket assembly (Part#8376) under it.



STEP 5:

Attach the bucket assembly (Part#8376) at (Location E) to the lower frame mount (Part#8395) with:

- (2)- $\frac{3}{4}$ " x $4\frac{1}{2}$ " hex head bolts,
- (4)- $\frac{3}{4}$ " flatwashers,
- (2)- $\frac{3}{4}$ " locknuts.



STEP 6:

Attach the lower actuator to the bucket assembly (Part#8376) mount at (Location F) using:

- (1)- $\frac{7}{16}$ " x $2\frac{3}{4}$ " hex head bolts,
- (2)- $\frac{7}{16}$ " flatwashers,
- (2)- $1\frac{1}{4}$ " nylon flatwashers,
- (1)- $\frac{7}{16}$ " locknut.

* (1)- nylon washer goes on each side of the actuator.

NOTE:

Grease all 4 pivot points on lower frame mount (Part#8395) through grease zirts.



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REDHAWK

FRONT LOADER ASSEMBLY

Part# FRONTLOADERASSY

BOLT KIT

SS/ZINK

- 4- $\frac{3}{4}$ " x $4\frac{1}{2}$ " HEX HEAD BOLTS
- 8- $\frac{3}{4}$ " ($1\frac{1}{16}$ " O.D.) FLATWASHERS #60580
- 4- $\frac{3}{4}$ " LOCKNUTS

GRADE 8

- 1- $\frac{5}{8}$ " x $3\frac{1}{2}$ " HEX HEAD BOLTS
- 2- $\frac{5}{8}$ " FLATWASHERS
- 1- $\frac{5}{8}$ " LOCKNUTS
- 1- $\frac{7}{16}$ " x $2\frac{3}{4}$ " HEX HEAD BOLT
- 1- $\frac{7}{16}$ " x $3\frac{1}{4}$ " HEX HEAD BOLT
- 4- $\frac{7}{16}$ " FLATWASHERS
- 2- $\frac{7}{16}$ " LOCKNUTS
- 4- $\frac{1}{4}$ " x 1" HEX HEAD BOLTS
- 8- $\frac{1}{4}$ " FLATWASHERS
- 4- $\frac{1}{4}$ " LOCKNUTS
- 2- $1\frac{1}{4}$ " NYLON FLATWASHERS #17W12504
- 4- $\frac{3}{16}$ " POLY FLATWASHERS #
- 1- HITCH RECEIVER PIN #

BOX KIT

- 1- BOLT KIT
- 1- INSTRUCTIONS
- 1- HITCH RECEIVER MOUNT (PART#6652)
- 1- TOWER MOUNT (PART#8388)
- 1- LOWER FRAME MOUNT w/ACCUATORS (PART#8395)
- 1- BUCKET ASSEMBLY (PART#8376)



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