

# 01-010003

Thank You for your purchase.

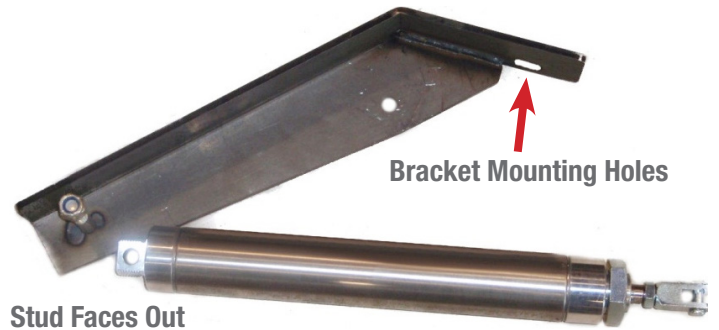
## 12Ga

is committed to providing quality parts and welcomes product feedback. We use only a quality and the highest quality of metals. 12 Ga. Stainless is a 304 (nonmagnetic) with a #8 polish surface. We offer most products in stainless, satin coat steel, as well as aluminum.

### 389 LIFT BUMPER KIT INSTRUCTION

- 1 Remove factory bumper.
- 2 Remove factory bumper support brackets. Install cylinder brackets using mounting holes for factory supports.
- 3 Remove 2 exiting factory bolts in bumper horn, Utilizing factory bolts install lift mechanism and tighten.
- 4 Install support bracket between cylinder mounting bracket and lift bracket as shown in diagram.
- 5 Install air cylinder onto mounting plate. Install 1/2" nylock nut onto stud and tighten until bolt is just through, not completely. Check to make sure mechanism and cylinder operate freely.
- 6 Modifying support bracket to allow cylinder to travel completely maybe necessary.

#### 2 PASSENGER SIDE CYLINDER BRACKET



- 7 For safety concerns have 2 people place bumper onto truck and make sure it is square to truck and leave very small gap between bumper plate and top of lift bracket.
- 8 Mark hole in lift bracket onto bumper plate.
- 9 Remove bumper and plate and drill marked holes. 2 1/2" holes and 1 3/8 hole in each bumper plate.
- 10 Bolt bumper plates to lift bracket using supplied hardware.



#### 4 PASSENGER SIDE LIFT ASSEMBLY



# INSTRUCTION

- 11 Install bumper onto plate ensuring bumper is as tight to plates as possible.
- 12 With bumper tight slowly open hood making sure hood does not contact bumper, open hood until fully open.
- 13 Mount electric valve in safe place. (battery box)
- 14 Route 12V power and ground from customer supplied dash control switch, to electric valve location. Connect to valve wiring(brown/blue wire doesn't matter which) see diagram:
- 15 Route ¼ air lines to front of truck from valve careful of heat/rubbing.

- 16 Install "T"s onto end of lines and route lines to cylinders as how in diagram:  
s to lift bracket using supplied hardware.
- 17 Run air line from supply (tank) to valve regulator control.

\* **Special Note** \*

- 18 Ensure hood is closed.
- 19 Back off pressure on regulator.
- 20 Refill air system and slowly turn up pressure making sure bumper is pulling closed on both sides.
- 21 Turn on switch in dash to lift bumper.  
Turn up pressure until bumper is completely up and turn up and extra ½ turn adjust as needed.

