

Tailgate Control Components

Tailgate Air Cylinders



Port Size 1/4" NPTF (2)
 Rod Diameter 5/8" (2.5" bore) or 3/4" (3.5" bore)
 Rod Thread Size 5/8" - 18 NF x 2"
 Recommended Operating Pres. 100 psi
 Maximum Operating Pres. 150 psi

| Part No. | Stk. Code | Bore | Stroke | Overall Length |
|----------|-----------|------|--------|----------------|
| 29-250X4 | 12094 | 2.5" | 4" | 10" |
| 29-250X6 | 12096 | 2.5" | 6" | 12" |
| 29-250X8 | 12098 | 2.5" | 8" | 14" |
| 29-350X6 | 12102 | 3.5" | 6" | 14" |
| 29-350X8 | 12104 | 3.5" | 8" | 19" |

- Heavy duty aluminum cylinder housing
- Excellent corrosion resistance
- Heavy duty stainless steel piston rod
- Buna-N piston seal
- Rear pivot pin (1/2") and piston rod clevis assembly are not included and must be ordered separately

Part No. 29-250SK Stk. Code 12093
 Repair kit for 2.5" bore

Part No. 29-350SK Stk. Code 12101
 Repair kit for 3.5" bore

Solenoid Operated Air Tailgate Kits

| Kit Part No. | Stk. Code | Cylinder No. | Solenoid No. |
|--------------|-----------|--------------|--------------|
| K2506S | 12236 | 29-250X6 | 29-SS4 |
| K2508S | 12238 | 29-250X8 | 29-SS4 |
| K3506S | 12240 | 29-350X6 | 29-SS4 |
| K3508S | 12242 | 29-350X8 | 29-SS4 |

Kits include the following: air cylinder with solenoid, tubing, toggle switch, breather filters, clevis assembly, clevis pin and cotter pin installed



Solenoid Valve

| | |
|--|---|
| Part No. | 29-SS4 |
| Stk. Code | 12117 |
| Description | 4-way 12 volt DC with manual override, includes breathers |
| Supply & Delivery Port Size | (3) 1/4" NPTF |
| Exhaust Port Size | (2) 1/8" NPTF |
| Operating Pressure | 20-150 psi |



Replacement breather fitting -
Part No. 29-F2 Stk. Code 11192

Manually Operated Air Tailgate Kits

| Kit Part No. | Stk. Code | Cylinder No. | Solenoid No. |
|--------------|-----------|--------------|--------------|
| K2506M | 12235 | 29-250X6 | 29-PP2 |
| K2508M | 12237 | 29-250X8 | 29-PP2 |
| K3506M | 12239 | 29-350X6 | 29-PP2 |
| K3508M | 12241 | 29-350X8 | 29-PP2 |



Kits include: air cylinder and 29-PP2 four-way hand control valve •• Rear pivot pin and rod clevis are not included. Custom installation kits can be made to match your specific needs. Please consult the factory for lead times and pricing.

Push Pull Valves

Standard Duty Valve



| Part No. | Description | Port Size |
|---------------------------|---|---------------|
| 29-PP2 | 4-way, 2-position | (3) 1/8" NPTF |
| Stk. Code 12110 | Detented hand valve Includes tailgate face plate Requires 1/2" hole for dash mounting | |

Heavy Duty Valve



| Part No. | Description | Port Size |
|---------------------------|--|---------------|
| 29-PP4 | 4-way, 3-position | (3) 1/4" NPTF |
| Stk. Code 12113 | Detented hand valve Center position simplifies linkage adjustment Operating instructions on knob Requires 5/8" hole for dash mounting | |