



SECTION 3

SEALCO

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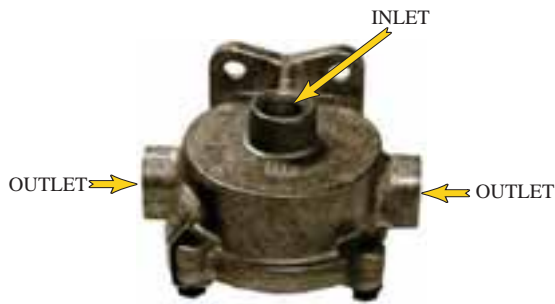
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SECTION 3

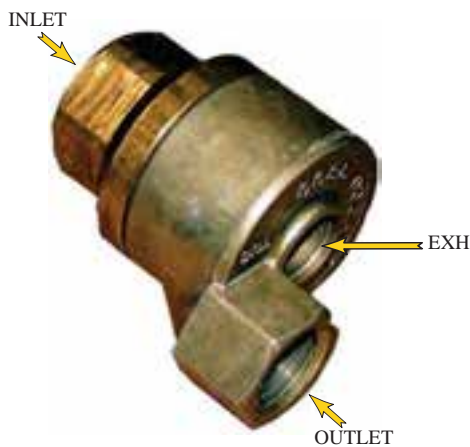
SEALCO

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- **Quick Release Valve.**
- These valves quickly exhaust delivery pressure when the supply line pressure to the inlet port drops. They are commonly used to release large air volumes from devices such as air suspension bags.

| SERVICE# | INLET PORT | OUTLET PORT | EXHAUST PORT | NOMINAL CRACK PRESSURE | NOTES |
|-----------|------------|-------------|--------------|------------------------|-------|
| 2000B 3/8 | 3/8" NPT | 1/4" NPT | N/A | 4 - 5 PSI | |
| 2000B 1/2 | 1/2" NPT | 3/8" NPT | N/A | 4 - 5 PSI | |
| 2000C 3/8 | 3/8" NPT | 1/4" NPT | N/A | 8 - 10 PSI | |
| 2000C 1/2 | 1/2" NPT | 3/8" NPT | N/A | 8 - 10 PSI | |
| 2000D 3/8 | 3/8" NPT | 1/4" NPT | N/A | 0 - 1 PSI | |
| 2000D 1/2 | 1/2" NPT | 3/8" NPT | N/A | 0 - 1 PSI | |
| 200000 | 1/4" NPT | 1/4" NPT | N/A | 0 - 1 PSI | |
| 200001 | 3/8" NPT | 3/8" NPT | 1/2" NPT | 0 - 1 PSI | |
| 200002 | 1/2" NPT | 3/8" NPT | 1/2" NPT | 0 - 1 PSI | |
| 200003 | 3/8" NPT | 1/4" NPT | 1/2" NPT | 0 - 1 PSI | |
| 200004 | 3/8" NPT | 3/8" NPT | 1/2" NPT | 0 - 1 PSI | |
| 200006 | 1/4" NPT | 1/4" NPT | 1/2" NPT | 0 - 1 PSI | |



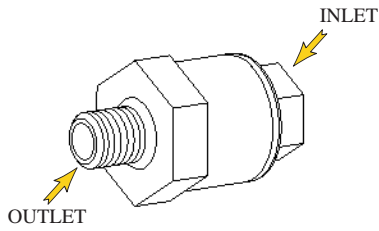
- **Inline Quick Release And Holding Valve.**
- This inline valve will pass and retain supply pressure to the delivery port until the supply pressure drops to less than half that of the delivery.
- Vents pressure quickly at the valve rather than the supply source.
- Holding feature retains delivery pressure during small supply side changes.
- Great for holding pressure in gates and locking devices.

| SERVICE# | INLET PORT | OUTLET PORT | HEIGHT | WIDTH | NOTES |
|----------|------------|-------------|----------|---------|-------|
| 3800 | 1/4" NPT | 1/4" NPT | 1 15/16" | 1 9/16" | |



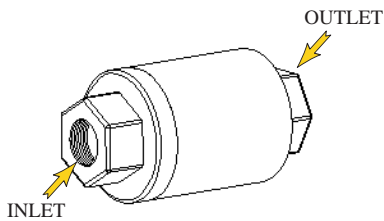
- **Panel Mount Quick Release And Holding Valve.**
- These valves will pass and retain supply pressure to the delivery port until the supply pressure drops to less than half that of the delivery.
- Vents pressure quickly at the valve rather than the supply source.
- Holding feature retains delivery pressure during small supply side changes.
- Great for holding pressure in gates and locking devices.
- Twin delivery ports and frame mounts incorporated.

| SERVICE# | INLET PORT | OUTLET PORT | NOTES |
|----------|------------|-------------|-----------------------|
| 7800 | 1/4" NPT | 1/4" NPT | |
| 780210 | 3/8" NPT | 3/8" NPT | |
| 780219 | 3/8" NPT | 3/8" NPT | Includes Exhaust Seal |



- **One - Way Check Valve.**
- Commonly used a head of and in between air reservoirs.
- Allows air to flow through the valve in only one direction from inlet to outlet.
- When loss of inlet pressure occurs, prevents air from flowing back through valve.

| SERVICE# | INLET | OUTLET | NOTES |
|-----------|----------|----------|-------|
| 10200 3/8 | 3/8" NPT | 3/8" NPT | |
| 10200 1/2 | 1/2" NPT | 1/2" NPT | |
| 10200 3/4 | 3/4" NPT | 3/4" NPT | |
| 102001 | 3/4" NPT | 1/2" NPT | |
| 102002 | 1/2" NPT | 3/4" NPT | |



- **One - Way Check Valve.**
- Commonly used a head of and in between air reservoirs.
- Allows air to flow through the valve in only one direction from inlet to outlet.
- When loss of inlet pressure occurs, prevents air from flowing back through valve.

| SERVICE# | INLET | OUTLET | NOTES |
|----------|----------|----------|-------|
| 2200 1/4 | 1/4" NPT | 1/4" NPT | |
| 2200 1/2 | 1/2" NPT | 1/2" NPT | |
| 2200 3/4 | 3/4" NPT | 3/4" NPT | |



- **Two-Way Check Valve.**
- Two-way check valves select the highest pressure stream from the inlet ports and channel this to the outlet port or ports. Commonly used between air reservoirs which are merged together or between foot valve delivery ports to provide for trailer control.

| SERVICE# | INLET PORT A | INLET PORT B | OUTLET PORT A | OUTLET PORT B | NOTES |
|----------|--------------|--------------|---------------|---------------|-------|
| 3200 | 1/4" NPT | 1/2" NPT | 1/4" NPT | 1/4" NPT | |
| 3200 1/4 | 1/4" NPT | 1/2" NPT | 1/4" NPT | 1/4" NPT | |



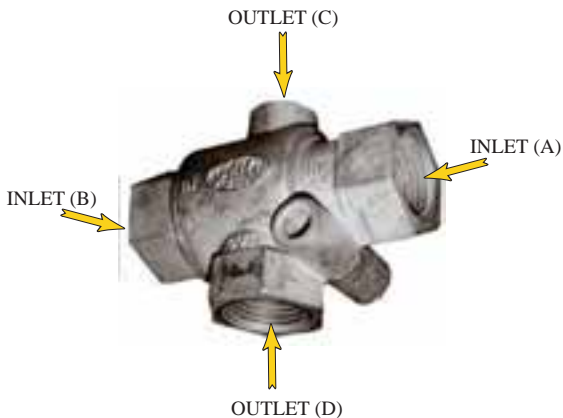
- **Two-Way Check Valve.**
- Two-way check valves select the highest pressure stream from the inlet ports and channel this to the outlet port or ports. Commonly used between air reservoirs which are merged together or between foot valve delivery ports to provide for trailer control.

| SERVICE# | INLET PORT | OUTLET PORT | NOTES |
|----------|------------|-------------|-------|
| 320100 | 3/8" NPT | 3/8" NPT | |
| 320100M | M16X1.5 | M16X1.5 | |



- **Two-Way Check Valve.**
- Two-way check valves select the highest pressure stream from the inlet ports and channel this to the outlet port or ports. Commonly used between air reservoirs which are merged together or between foot valve delivery ports to provide for trailer control.

| SERVICE# | INLET PORT A | INLET PORT B | INLET PORT C | OUTLET PORT A | OUTLET PORT B | NOTES |
|----------|--------------|--------------|--------------|---------------|---------------|-------|
| 5200 | 1/4" NPT | 1/4" NPT | 1/4" NPT | 1/4" NPT | 1/4" NPT | |



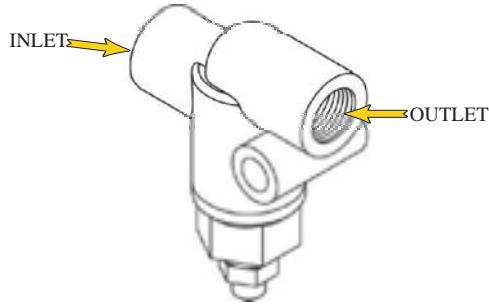
- **Two-Way Check Valve.**
- Two-way check valves select the highest pressure stream from the inlet ports and channel this to the outlet port or ports. Commonly used between air reservoirs which are merged together or between foot valve delivery ports to provide for trailer control.

| SERVICE# | INLET PORT A | INLET PORT B | OUTLET PORT C | OUTLET PORT D | NOTES |
|----------|--------------|--------------|---------------|---------------|-------|
| 7200 | 1/2" NPT | 1/2" NPT | 1/4" NPT | 1/2" NPT | |



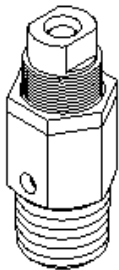
- **Bypass Check Valve.**
- These valves partially check the flow through the valve in one direction while allowing full flow in the other.
- Bypass check valve should not be used in place of standard check valves.
- Can be used to prevent sudden drop in air assist drawbars.
- Limit flow to devices where excess volume can be detrimental.

| SERVICE# | PORT | LENGHT | DIAMETER | ORIFICE SIZE | NOTES |
|----------|----------|--------|----------|--------------|-------|
| 110183 | 1/4" NPT | 2 3/8" | 1 1/4" | .028" | |
| 220000 | 3/4" NPT | 3 3/8" | 1 1/2" | .030" | |
| 220100 | 1/4" NPT | 2 3/8" | 1 1/4" | .062" | |



- **Adjustable Pressure Protection Valve.**
- Adjustable pressure protection valve. Closes flow when inlet pressure drops below set pressure.
- Always install with adjuster downward

| SERVICE# | INLET PORT | OUTLET PORT | FACTORY SET CLOSING | MINIMUM ADJUSTABLE | MAXIMUM ADJUSTABLE | NOTES |
|----------|------------|-------------|---------------------|--------------------|--------------------|-----------------------------|
| 1300 | 1/4" NPT | 1/4" NPT | 60 PSI | 20 PSI | 70 PSI | Adjustable closing pressure |
| 1300-45 | 1/4" NPT | 1/4" NPT | 45 PSI | 20 PSI | 70 PSI | Adjustable closing pressure |
| 1300-80 | 1/4" NPT | 1/4" NPT | 80 PSI | 20 PSI | 85 PSI | Adjustable closing pressure |



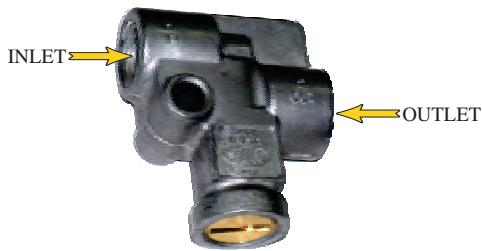
- **Pressure Relief Valve.**
- Pressure Relief Valves are designed to open at a designed pressure thereby relieving air pressure buildup.
- Part numbers 110127 & 110627 are commonly used on truck, tractor or bus air brake system reservoirs in the event that the governor fails to cut-out at the designated air pressure & are normally mounted on the reservoir.

| SERVICE# | PORT SIZE | PRESSURE SETTING | NOTES |
|----------|-----------|------------------------|-------|
| 110127 | 1/4" | Factory set at 150 PSI | |
| 110399 | 1/4" | Factory set at 55 PSI | |
| 110527 | 3/8" | Factory set at 175 PSI | |
| 110601 | 1/4" | Factory set at 95 PSI | |
| 110627 | 3/8" | Factory set at 150 PSI | |



- **Pressure Protection Valve.**
- Commonly used to protect the air brake system in case of system accessory failure.
- Always install with vent port downward.

| SERVICE# | INLET | OUTLET | NOMINAL CLOSING | NOTES |
|----------|----------|----------|-----------------|-------|
| 110258 | 3/8" NPT | 3/8" NPT | 90 PSI | |
| 110657 | 3/8" NPT | 3/8" NPT | 70 PSI | |



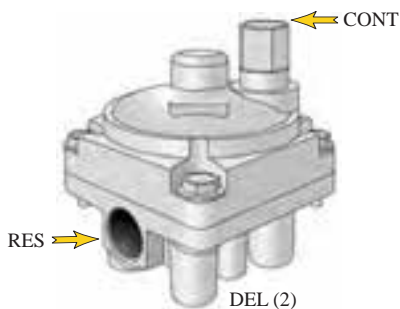
- **Pressure Protection Valve.**
- Commonly used to protect air brake reservoirs from being depleted by the failure of other air accessory items.
- Valves include an internal filter & positive one-way check valve.

| SERVICE# | INLET | OUTLET | CLOSING PRESSURE | NOTES |
|----------|----------|----------|------------------|-------|
| 140200 | 3/8" NPT | 3/8" NPT | 50 PSI | |
| 140270 | 3/8" NPT | 3/8" NPT | 60 PSI | |
| 140280 | 3/8" NPT | 3/8" NPT | 70 PSI | |
| 140290 | 3/8" NPT | 3/8" NPT | 80 PSI | |
| 140300 | 1/4" NPT | 1/4" NPT | 50 PSI | |
| 140370 | 1/4" NPT | 1/4" NPT | 60 PSI | |
| 140380 | 1/4" NPT | 1/4" NPT | 70 PSI | |
| 140390 | 1/4" NPT | 1/4" NPT | 80 PSI | |



- **Tractor Protection Valve.**
- Prevents loss of tractor brakes in case of trailer breakaway or loss of air pressure. Automatically closes off lines and vents trailer side supply between 20 to 45 psi.

| SERVICE# | SUPPLY IN PORT | SUPPLY OUT PORT | CONTROL IN PORT | CONTROL OUT PORT | NOTES |
|----------|----------------|-----------------|-----------------|------------------|-------|
| 7700 | 1/4" NPT | 1/2" NPT | 1/4" NPT | 1/2" NPT | |



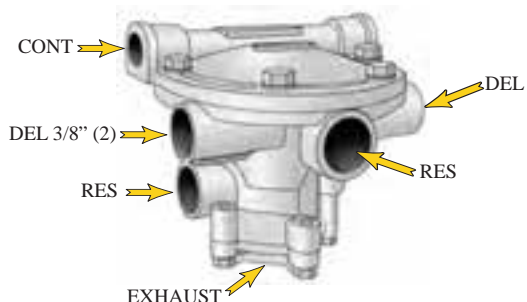
- **Service Relay Valve.**
- Nipple mounted 110360 & 110410 are used primarily for single axle trailer service brakes or tandem axle by axle trailer brake designs.
- 110365 may be used as a frame mounted version of 110360 or as a Control Line Valve to replace 110463 or 110464.
- 110412 & 110487 may be used as a tractor, straight truck or trailer Service Relay Valve.
- Weight 3 lbs.

| SERVICE# | CONTROL | RESERVOIR | DELIVERY | CRACK PRESSURE | NOTES |
|----------|----------|-----------|------------|----------------|---------------------|
| 110360 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 1.5 PSI | Low Operating valve |
| 110365 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 1.5 PSI | |
| 110410 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 4.0 PSI | |
| 110412 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 4.0 PSI | |
| 110487 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 5.5 PSI | |



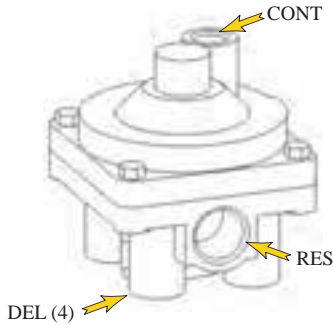
- **Service Relay Valve (Two Delivery Ports).**
- Used primarily for single axle trailer service brakes or tandem axle by axle trailer brake designs.
- Weight 4 lbs.

| SERVICE# | RESERVOIR | DELIVERY | CONTROL | CRACK PRESSURE | NOTES |
|----------|-----------|------------|------------|----------------|-------|
| 110197 | 1/2" NPT | 2-3/8" NPT | 2-3/8" NPT | 4.0 PSI | - |
| 110198 | 1/2" NPT | 2-3/8" NPT | 2-3/8" NPT | 4.0 PSI | - |
| 110199 | 1/2" NPT | 2-3/8" NPT | 2-3/8" NPT | 4.0 PSI | - |
| 110275 | 1/2" NPT | 2-3/8" NPT | 2-3/8" NPT | 4.0 PSI | - |
| 110507 | 1/2" NPT | 2-3/8" NPT | 2-3/8" NPT | 6.0 PSI | - |



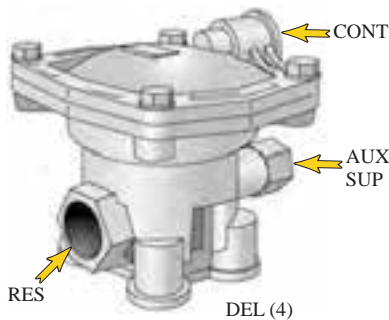
- **Service Relay Valve. (Three Delivery Ports).**
- Commonly used as a tractor or straight truck Relay Valve.
- Part number 110228 replaces part number 110155.
- Weight 4 lbs.

| SERVICE# | RESERVOIR | DELIVERY | CONTROL | CRACK PRESSURE | NOTES |
|----------|------------|--------------------------|------------|----------------|-------|
| 9125 | 2-1/2" NPT | 2-3/8" NPT 1-1/2" NPT | 2-1/4" NPT | 5.5 PSI | - |
| 110207 | 2-1/2" NPT | 2-3/8" NPT 1-1/2" NPT | 2-3/8" NPT | 5.5 PSI | |
| 110228 | 2-1/2" NPT | 2-3/8" NPT 1-1/2" NPT | 2-3/8" NPT | 5.5 PSI | |



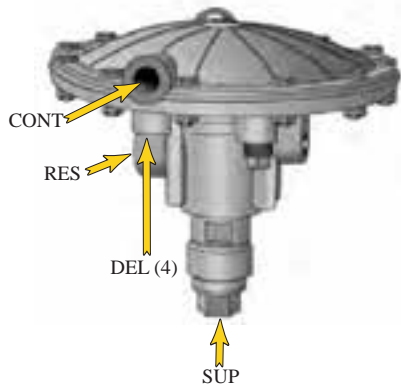
- **Service Relay Valve. (Four Delivery Ports).**
- 110385 may be used as a frame mounted version of 110380
- Nipple mounted 110380 & 110415 are used primarily for tandem axle trailer service brakes with four brake chambers.
- 110416 & 110448 commonly used as a tractor, straight truck or trailer Service Relay Valve.
- Weight 3 lbs.

| SERVICE# | RESERVOIR | DELIVERY | CONTROL | CRACK PRESSURE | NOTES |
|----------|-----------|------------|----------|----------------|---------------------|
| 110380 | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | 1.5 PSI | Low Operating Valve |
| 110385 | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | 1.5 PSI | - |
| 110415 | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | 4.0 PSI | - |
| 110416 | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | 4.0 PSI | - |
| 110488 | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | 5.5 PSI | - |
| 110615 | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | 4.0 PSI | - |



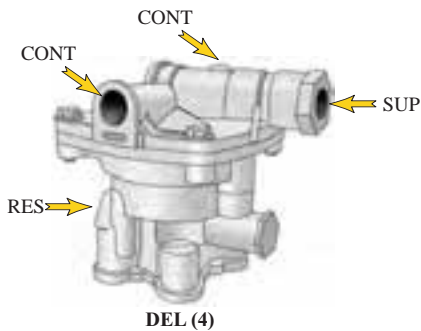
- **Service Relay Valve (Four Delivery Ports).**
- Used on Trailers only to Apply and Release Service Brakes.
- The Ratio Feature is considered a benefit in hard stop situations & refers to the relationship between the control air pressure to the valve & the delivered air pressure from the valve to the service brake chambers. During normal stopping a 1:1 ratio exists between the control & delivered air pressures. In a hard stop the ratio momentarily changes to 1:15 until valve lap-off occurs & the 1:1 ratio is restored. This change takes place in less then 1/100th of a second.
- Do not use ratio feature valves on converter dollies, trailer turnable axles or lift axles.
- Non ABS four port service valve.
- Weight 5 lbs.

| SERVICE# | SUPPLY | DELIVERY | CONTROL | RESERVOIR | CRACK PRESSURE | RATIO FEATURE |
|----------|----------|------------|----------|-----------|----------------|---------------|
| 110139 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 3/4" NPT | 4.5 PSI | Yes |
| 110450 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 3/4" NPT | 4.5 PSI | No |
| 110575 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 3/4" NPT | 8.5 PSI | Yes |
| 110584 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 3/4" NPT | 5.5 PSI | Yes |
| 110600 | Capped | 4-3/8" NPT | 3/8" NPT | 3/4" NPT | 4.5 PSI | Yes |



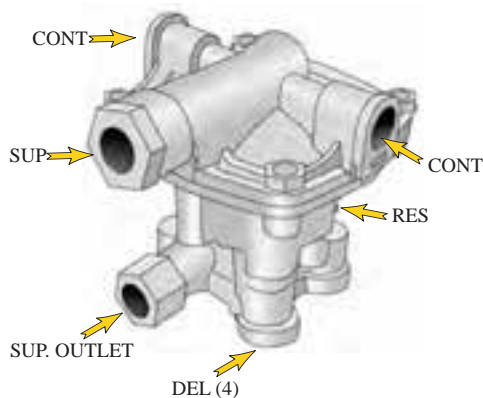
- **Relay Emergency Valve (Four Delivery Ports).**
- Used only on brake systems prior to the implementation of FMVSS121.
- 4 port delivery.
- Weight 6 lbs.

| SERVICE# | SUPPLY | RESERVOIR | DELIVERY | CONTROL | CRACK PRESSURE | NOTES |
|----------|----------|-----------|------------|------------|----------------|-------|
| A1000S | 1/4" NPT | 1/2" NPT | 4-1/4" NPT | 2-1/4" NPT | 1.5 PSI | - |



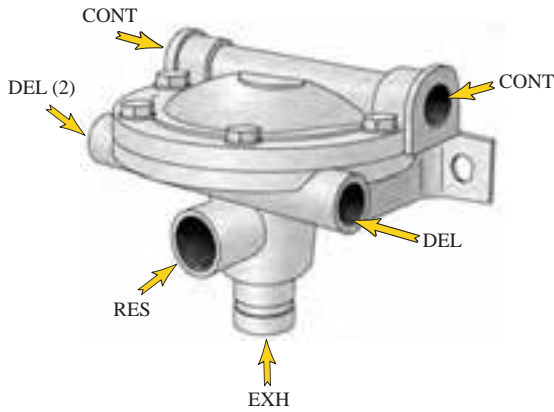
- **Relay Emergency Valve Four Port Charging Style.**
- Relay Emergency Valves are used with single (service only) brake chambers. All valves on this section are charging style.
- Do not use ratio feature valves on converter dollies or trailer turnable axles.
- Weight 7 lbs.

| SERVICE# | SUPPLY | CONTROL | RESERVOIR | DELIVERY | SUP. OUT | RATIO FEATURE | CRACK PRESSURE |
|----------|----------|------------|-----------|------------|----------|---------------|----------------|
| 110200 | 1/4" NPT | 2-1/4" NPT | 3/4" NPT | 4-3/8" NPT | - | Yes | 4.5 PSI |
| 110205 | 3/8" NPT | 2-3/8" NPT | 3/4" NPT | 4-3/8" NPT | - | Yes | 4.5 PSI |
| 110459 | 3/8" NPT | 2-3/8" NPT | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | No | 8.5 PSI |
| 110460 | 1/4" NPT | 2-1/4" NPT | 3/4" NPT | 4-3/8" NPT | - | No | 4.5 PSI |
| 110470 | 3/8" NPT | 2-3/8" NPT | 3/4" NPT | 4-3/8" NPT | - | No | 4.5 PSI |
| 110475 | 3/8" NPT | 2-3/8" NPT | 3/4" NPT | 4-3/8" NPT | 3/8" NPT | No | 4.5 PSI |



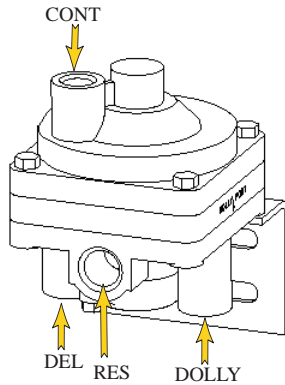
- **Relay Emergency Valve. - Non Changing (Four Delivery Ports).**
- Commonly used on converter dollies, turnable axles, heavy haulers, ag trailers and air lift axles with service brake chambers.
- Commonly used in conjunction with 110257 Emergency Brake Pressure Protection Valve.
- No ratio feature included.
- Weight 6 lbs.

| SERVICE# | SUPPLY | RESERVOIR | DELIVERY | CONTROL | SUP. OUTLET | CRACK PRESSURE |
|----------|----------|-----------|------------|------------|-------------|----------------|
| 110338 | 3/8" NPT | 3/4" NPT | 4-3/8" NPT | 2-3/8" NPT | 3/8" NPT | 4.5 PSI |



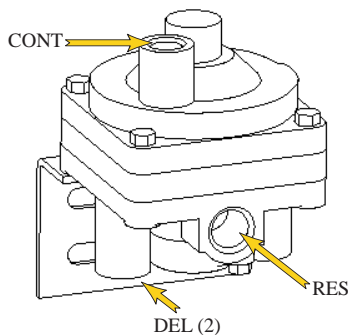
- **Control Line Valve (Mini Valve) - Dollies.**
- Improves application and release of brakes on dollies and rearmost trailer axles in double and triple trailer combinations.
- Used on older trailers and dollies newer vehicle should use the 110580 or 110570.
- Weight 3 lbs.

| SERVICE# | RESERVOIR | DELIVERY | CONTROL | CRACK PRESSURE | NOTES |
|----------|-----------|------------|----------|----------------|-------|
| 3100 | 3/8" NPT | 2-1/4" NPT | 1/4" NPT | 2.5 PSI | |



- **Control Line Valve - Dollies & Turnable Axles.**
- Primarily used on dollies & turnable axles on pull, transfer & B-train type trailers.
- Provides a balanced control line signal for uniform braking of multi-axle combination vehicles.
- Prevents premature braking of the steerable axle(s) in combination vehicles for maximum lateral stability while stopping.
- Weight 3 lbs.

| SERVICE# | CONTROL | RESERVOIR | DOLLY | DELIVERY | CRACK PRESSURE | NOTES |
|----------|----------|-----------|----------|------------|----------------|-------|
| 110570 | 3/8" NPT | 1/2" NPT | 3/8" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110571 | 3/8" NPT | 1/2" NPT | 3/8" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110606 | 3/8" NPT | 1/2" NPT | 3/8" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110690 | 3/8" NPT | 1/2" NPT | 3/8" NPT | 2-3/8" NPT | 0.0 PSI | |



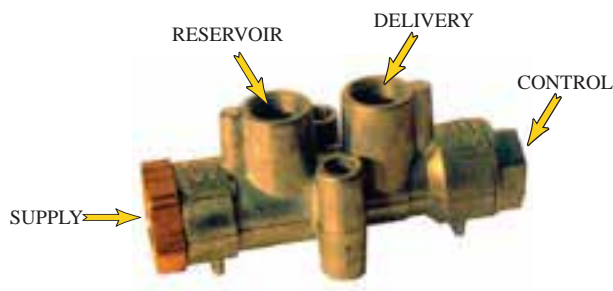
- **Control Line Valve - Dollies & turnable axles.**
- Primarily used on trailers designed to tow another trailer, long wheel base sliding tandems & specialty trailers with multiple axles.
- Provides a balanced control line signal for uniform braking of multi-axle combination vehicles.
- Improves application timing of service brakes in rearmost axles of long wheel base tractor/trailer combinations.
- Improves the release of service brakes in the tractor/trailer combination eliminating trailer brake drag complaints.

| SERVICE# | CONTROL | RESERVOIR | DELIVERY | CRACK PRESSURE | NOTES |
|----------|----------|-----------|------------|----------------|-------|
| 110580 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110582 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110588 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110605 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 0.0 PSI | |
| 110790 | 3/8" NPT | 1/2" NPT | 2-3/8" NPT | 0.0 PSI | |



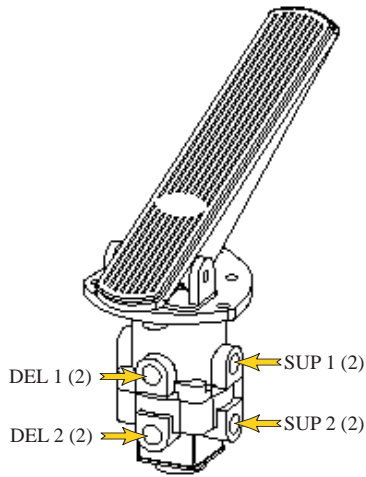
- **Emergency Control Pressure Protection Valve.**
- This valve is commonly used in conjunction with the 110338 or 110376 for axles with service brake chambers only.
- Often used on converter dollies, turnables, lift axles and other axle exempt from spring brake requirements.
- Always install with vent port downward.

| SERVICE# | INLET PORT | OUTLET PORT | NOMINAL CLOSING | NOTES |
|----------|------------|-------------|-----------------|---|
| 110257 | 3/8" NPT | 3/8" NPT | 70 PSI | Does not interchange with other pressure protection valves due to the special back flow feature |



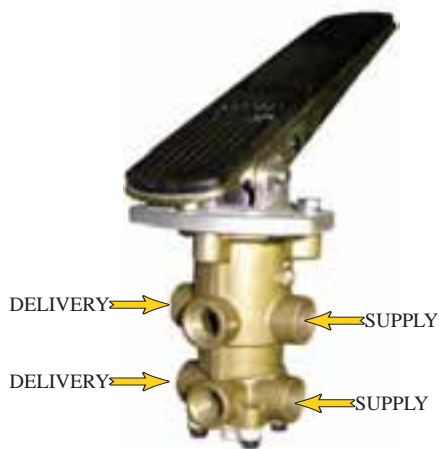
- **Emergency Control Valve.**
- This valve is used on axles with **service brake chambers** only. It is commonly used on dollies, trailer turntables, and other axles exempt from spring brakes requirements.
- Always used in conjunction with **110257** Emergency Brake Pressure Protection Valve.

| SERVICE# | SUPPLY PORT | CONTROL PORT | RESERVOIR PORT | DELIVERY PORT | NOTES |
|----------|-------------|--------------|----------------|---------------|-------|
| 110376 | 3/8" NPT | 3/8" NPT | 3/4" NPT | 3/8" NPT | |



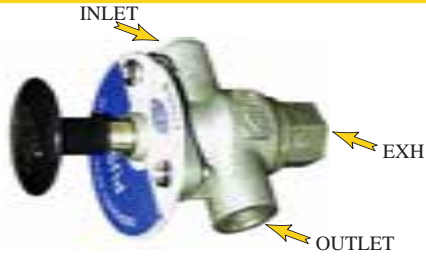
- **Foot Valve - Dual Circuit.**
- Dual circuit foot valves contain two separate supply & delivery circuits allowing service brakes to remain operational on one or more tractor axle(s) & trailer axles if one reservoir fails.

| SERVICE# | SUPPLY 1 | SUPPLY 2 | DELIVERY 1 | DELIVERY 2 | TREADLE ANGLE | NOTES |
|----------|------------|------------|------------|------------|---------------|-------|
| 110400 | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | - | |
| 110425 | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 25° | |
| 110430 | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 30° | |
| 110435 | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 35° | |
| 110440 | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 40° | |
| 110445 | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 2-3/8" NPT | 45° | |



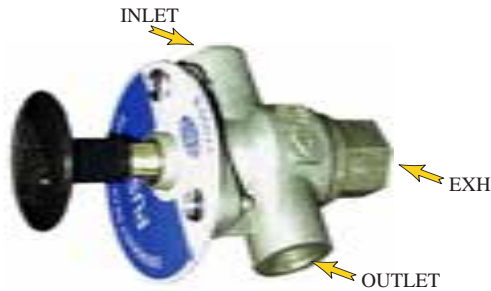
- **Single Circuit Foot Valve.**
- Standard single circuit foot pedal valve for tractors, trucks and machinery.

| SERVICE# | SUPPLY | DELIVERY | TREADLE BASE ASSEMBLY | TREADLE ANGLE | NOTES |
|----------|------------|------------|-----------------------|---------------|-------|
| 6125 | 4-1/2" NPT | 4-1/2" NPT | NONE | 30 DEGREE | |
| 6125-2 | 4-1/2" NPT | 4-1/2" NPT | 6125-7 | NA | |
| 6125-25 | 4-1/2" NPT | 4-1/2" NPT | 6125-7 | 25 DEGREE | |
| 6125-35 | 4-1/2" NPT | 4-1/2" NPT | 6125-7 | 35 DEGREE | |
| 6125-40 | 4-1/2" NPT | 4-1/2" NPT | 6125-7 | 40 DEGREE | |
| 6125-45 | 4-1/2" NPT | 4-1/2" NPT | 6125-7 | 45 DEGREE | |



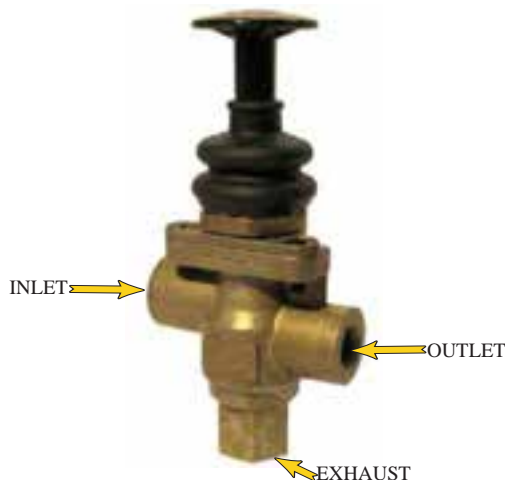
- **Manual Push Pull Valve (Two Hole Mounting).**
- Commonly used as dash valve inside tractor or truck except 17600B which is used outside on dollies & trailers.

| SERVICE# | INLET | OUTLET | EXHAUST | NOTES |
|----------|----------|----------|----------|--------------------------------------|
| 17600 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Cab control |
| 17600B | 1/4" NPT | 1/4" NPT | 1/4" NPT | Dolly & trailer park brake release |
| 17600B-2 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Basic valve |
| 17600M* | 1/4" NPT | 1/4" NPT | 1/4" NPT | Use w/7700 for breakaway conversions |
| 110114 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 110274 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 110284 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 110514 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Cab control |
| 110644 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Contains screws but no plate |



- **Manual Push Pull Valve (One Hole Mounting).**
- Commonly used as dash valve inside tractor, truck or dolly.
- Single hole mounting.

| SERVICE# | NAME PLATE | INLET | OUTLET | EXHAUST | NOTES |
|----------|------------|----------|----------|----------|--------------------|
| 17600L | 844 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Cab control |
| 17600LB | 8026 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 17600L G | - | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 17600L R | - | 1/4" NPT | 1/4" NPT | 1/4" NPT | Cab control |
| 110252 | - | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 110512 | - | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |
| 110760 | - | 1/4" NPT | 1/4" NPT | 1/4" NPT | Park brake release |



- **Panel Mount Manual Push Pull Valve.**
- Brake release valve with splash boot commonly used on dollies and trailers.
- Weather Boot.

| SERVICE# | INLET PORT | OUTLET PORT | EXH PORT | NOTES |
|----------|------------|-------------|----------|------------------------------------|
| 17620 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Dolly & Trailer Park Brake Release |



- **Panel Mount Automatic Shut Off Push Pull Valve.**
- Commonly used as dash valve inside tractor or truck. Automatically shuts-off when inlet pressure drops below indicated PSI.

| SERVICE# | INLET PORT | OUTLET PORT | EXHAUST PORT | NOTES |
|----------|------------|-------------|--------------|-------------|
| A25600 | 1/4" NPT | 1/4" NPT | 1/8" NPT | 30 +- 5 PSI |
| A25600Y | 1/4" NPT | 1/4" NPT | 1/8" NPT | 30 +- 5 PSI |
| A25600-2 | 1/4" NPT | 1/4" NPT | 1/8" NPT | 30 +- 5 PSI |



- **Three Hole Panel Mounted Automatic Shut Off Push Pull Valve.**
- Commonly used as dash valve inside tractor or truck. Automatically shuts-off when inlet pressure drops below indicated PSI.

| SERVICE# | INLET PORT | OUTLET PORT | EXH PORT | NOTES |
|----------|------------|-------------|----------|-------------|
| 99600 | 1/4" NPT | 1/4" NPT | 1/8" NPT | 30 +- 5 PSI |
| 99600B | 1/4" NPT | 1/4" NPT | 1/8" NPT | 30 +- 5 PSI |
| 99600-2 | 1/4" NPT | 1/4" NPT | 1/8" NPT | 30 +- 5 PSI |
| 110189 | 1/4" NPT | 1/4" NPT | 1/8" NPT | 45 +- 5 PSI |
| 110221 | 1/4" NPT | 1/4" NPT | 1/8" NPT | 60 +- 5 PSI |



- **Panel Mount Momentary Push Pull Valve.**
- Commonly used as dash valve inside tractor or truck for applications shown below.
- Valve is opened by pushing knob in and automatically closes when let go.

| SERVICE# | INLET PORT | OUTLET PORT | MOUNTING THREAD SIZE | NOTES |
|----------|------------|-------------|----------------------|----------------------|
| 3450S | 1/8" NPT | 1/8" NPT | 7/8" | Starter Control |
| 340250 | 1/8" NPT | 1/8" NPT | 1/2" | Starter Control |
| 342501 | 1/8" NPT | 1/8" NPT | 7/16" | Starter Control |
| 3450G | 1/8" NPT | 1/8" NPT | 7/8" | Emergency Release |
| 340350 | 1/8" NPT | 1/8" NPT | 1/2" | Emergency Release |
| 342502 | 1/8" NPT | 1/8" NPT | 7/16" | Emergency Release |
| 110103 | 1/8" NPT | 1/8" NPT | 1/2" | Differential lockout |



- **Manually Operated Air Bag Control Valve.**
- Commonly used to control the inflation & deflation of air suspension bags. Allows for movement of trailer back to dock without re-inflating air bags.
- Works with all air suspension systems.
- Pull to manually exhaust air from air bags.
- Push to refill air bags from reservoir.

| SERVICE# | INLET PORT | OUTLET PORT | NOTES |
|----------|------------|-------------|-------|
| 17610 | 3/8" NPT | 3/8" NPT | |



- **Push Pull Control Valve with Pilot Reset Feature.**
- Works with all air suspension systems.
- When used in automatic mode with pilot port connected to supply line it will fill air bags when trailer parking brakes are released.
- When used in manual mode (no pilot) it allows for bag blow down and movement of trailer without re-inflating air bags.

The 996555 will reset (pressure on) when pressure is applied to the **pilot port**. It is commonly used to control the inflation and deflation of air suspension bags.

| SERVICE# | INLET PORT | OUTLET PORT | PILOT PORT | NOTES |
|----------|------------|-------------|------------|--|
| 996555A | 1/4" NPT | 1/4" NPT | 1/4" NPT | *Valve with pilot port open. |
| 996555M | 1/4" NPT | 1/4" NPT | 1/4" NPT | *Pilot port should have 0361 breather in place and no sealant should be used |

*Never plug pilot port

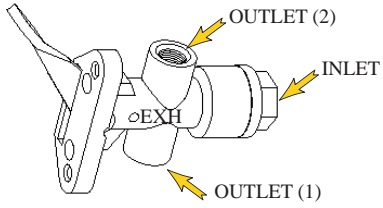


- **Manually Operated Air Bag Control Valve.**
- Works with all air suspension systems.
- Push to manually exhaust air from air bags.
- Pull to refill air bags from reservoir.
- Automatically refills air bags when trailer parking brakes are released.

Commonly used with a **110587** to control the inflation & deflation of suspension air bags.

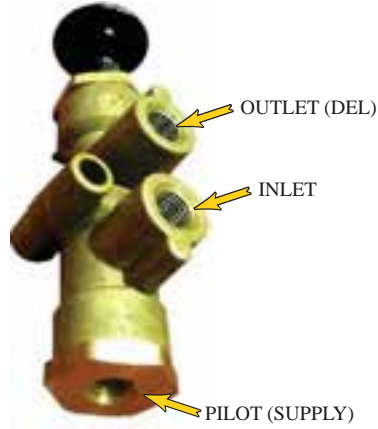
Not recommended for suspensions that exhibit dock walk.

| SERVICE# | INLET PORT | OUTLET PORT | EXH PORT | NOTES |
|----------|------------|-------------|----------|-------|
| 110555 | 1/4" NPT | 1/4" NPT | 1/4" NPT | |



- Lever Control Valve.
- Manual operation.

| SERVICE# | INLET | OUTLET | NOTES |
|----------|----------|------------|-------|
| 21600 | 1/8" NPT | 2-1/8" NPT | |
| 21600D | 1/8" NPT | 2-1/8" NPT | |
| 21600-2 | 1/8" NPT | 2-1/8" NPT | |
| 110167 | 1/8" NPT | 2-1/8" NPT | |
| 110300 | 1/8" NPT | 2-1/8" NPT | |
| 110301 | 1/8" NPT | 2-1/8" NPT | |
| 110413 | 1/8" NPT | 2-1/8" NPT | |
| 216050 | 1/8" NPT | 2-1/8" NPT | |
| 216100 | 1/8" NPT | 2-1/8" NPT | |
| 216200 | 1/8" NPT | 2-1/8" NPT | |



- **Push Pull Valve With Air Pilot Return.**
- Push pull valve with air **pilot port** to return valve to off position when pressurized. Commonly used to shut off accessory when trailer **supply line** is full (road mode).

| SERVICE# | INLET PORT (RES) | OUTLET PORT (OUT) | PILOT PORT (SUPPLY) | NOTES |
|----------|------------------|-------------------|---------------------|-----------------------|
| 110589 | 1/4" NPT | 1/4" NPT | 1/4" NPT | Exhausts Through Body |



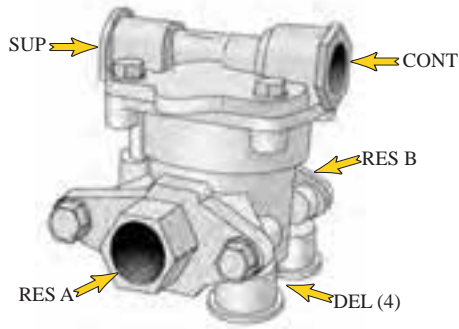
- **Four Way (Five Port) Spool Valve**
- Commonly used to operate lift axles, gates and other and air operated devices. Comes with two 715152 exhaust breathers.

| SERVICE# | INLET PORT | OUTLET PORT | EXHAUST PORT | NOTES |
|----------|------------|-------------|--------------|-------|
| 110052 | 1/4" NPT | 1/4" NPT | 1/4" NPT | |



- **Trailer Brake Hand Valve.**
- Commonly used inside tractor cab to operate trailer brakes. All ports are 1/4" NPT threaded.
- Do Not Use For Parking!

| SERVICE# | HANDLE | MOUNTING KIT | MOUNTING | NOTES |
|----------|--------|--------------|-------------|-------|
| 5900 | 110176 | 110174 | COLUMN | |
| 5900-1 | NONE | NONE | NONE | |
| 5900B | 110176 | 110182 | DASH | |
| 5900G | 110153 | 110174 | COLUMN | |
| 5900GI | 110152 | 110174 | COLUMN | |
| 5900L | 110149 | 110174 | COLUMN | |
| 5900R | NONE | 110174 | REM. COLUMN | |
| 110436 | NONE | NONE | NON-LOCKING | |
| 110516 | 110152 | 110174 | NON-LOCKING | |



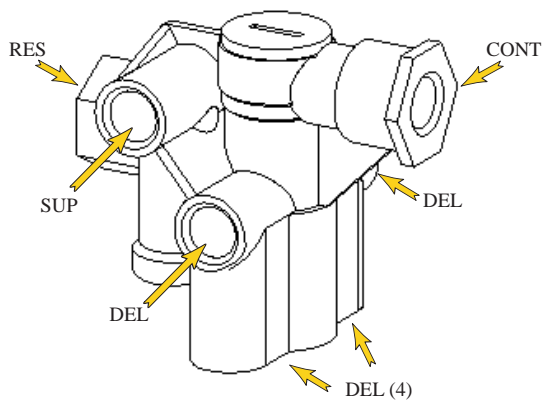
- **Spring Brake Control Valve - Protected Reservoir System.**
- The protected reservoir system is used on trailers with two reservoirs & allows air to be supplied from second reservoir in the event of a single leakage failure.
- Used on trailers to control both parking and emergency brake functions.
- Weight 4 lbs.

| SERVICE# | SUPPLY | DELIVERY | RESERVOIR-A | RESERVOIR-B | CONTROL | CONTROL | NOTES |
|----------|----------|------------|-------------|-------------|----------|---------|-------|
| 110170 | 3/8" NPT | 4-3/8" NPT | 1/2" NPT | 1/2" NPT | 3/8" NPT | None | |
| 110171 | 3/8" NPT | 4-3/8" NPT | 1/2" NPT | 3/8" NPT | 3/8" NPT | 90° | |
| 110191 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 1/2" NPT | 3/8" NPT | 90° | |
| 110310 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 1/2" NPT | 3/8" NPT | None | |
| 110315 | 3/8" NPT | 4-3/8" NPT | 1/2" NPT | 3/8" NPT | 3/8" NPT | None | |



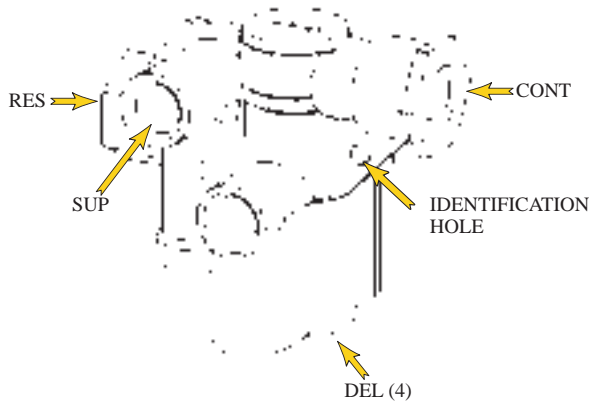
- **Spring Brake Control Valve - Spring Brake Priority.**
- The spring brake priority immediately provides supply air to release the spring brakes, the internal Pressure Protection Valve opens to also fill the reservoir at approximately 80 psi.
- Designed for use with a single reservoir on a typical single or tandem axle trailer.

| SERVICE# | SUPPLY | CONTROL | RESERVOIR | DELIVERY | NOTES |
|----------|----------|----------|-----------|------------|-------------------------------|
| 110500 | 3/8" NPT | 3/8" NPT | 1/2" NPT | 4-3/8" NPT | None |
| 110505 | 3/8" NPT | 3/8" NPT | 1/2" NPT | 4-3/8" NPT | Delivery back ports B plugged |
| 110510 | 3/8" NPT | 3/8" NPT | 1/2" NPT | 4-3/8" NPT | Delivery side ports A plugged |



- **Spring Brake Control Valve - Service Reservoir Priority.**
- The service reservoir priority provides supply air to simultaneously fill the reservoir & release the spring brakes after the internal Pressure Protection Valve opens at approximately 80 psi.
- Designed for use with a single reservoir on a typical single or tandem axle trailer.

| SERVICE# | SUPPLY | CONTROL | RESERVOIR | DELIVERY | NOTES |
|----------|----------|----------|-----------|------------|-------|
| 110700 | 3/8" NPT | 3/8" NPT | 1/2" NPT | 4-3/8" NPT | |



- **Spring Brake Control Valve - Spring Brake Priority.**
- The spring brake priority immediately provides supply air to release the spring brakes, the internal Pressure Protection Valve opens to also fill the reservoir.
- at approximately 80 psi.
- Also supplies air to release the spring brakes from the trailer air reservoir when available for faster release times.
- Designed for use with a single reservoir on a typical single or tandem axle trailer.

| SERVICE# | SUPPLY | DELIVERY | CONTROL | RESERVOIR | CRACK PRESSURE | NOTES |
|----------|----------|------------|----------|-----------|----------------|-------|
| 110800 | 3/8" NPT | 4-3/8" NPT | 3/8" NPT | 1/2" NPT | - | |



8000

- **Low Air Pressure Switch.**
- Low pressure switches are designed to complete an electrical circuit when the air pressure supplied to the switch falls below a certain air pressure setting.
- Adjustable From 45 to 100 psi.
- Factory Set At 60 psi.



8000B

| SERVICE# | INLET PORT | NOTES |
|----------|------------------|-----------------|
| 8000 | 1/4" MALE NPT | Nipple Mounted |
| 8000B | 1/8" FEMALE NPSF | Bracket Mounted |



8100

- **Stop Light Switch.**
- Stop light switches to complete an electrical circuit to the stop lights when the air pressure to the inlet port is above two psi.



8100B

| SERVICE# | INLET PORT | NOTES |
|----------|------------------|-----------------|
| 8100 | 1/4" MALE NPT | Nipple Mounted |
| 8100B | 1/8" FEMALE NPSF | Bracket Mounted |