

Lift Axle Control Module

Product Features:

- Hi Flow Rate ensuring rapid Raise / Lower
- Low temperature operation
- 12VDC as standard
- Durable / robust / proven technology
- Color coded pneumatic connections
- Steer & non-steer lift axle versions available
- Steerable lift axle
(On steerable lift axles, the lift axle will automatically raise when the operator places the gear selector in reverse.)



Specifications

Media	Compressed dry air
Media preparation required	Filtered to 40 microns
Pressure range	45 –150 PSI**
Temperature range	-40 to +140°F
Cv	1.2
Supply port	
Lift / ride ports	DOT 3/8" Push to connect
Exhaust port	

Electrical*

Voltage	12 VDC
Voltage tolerance	-25% / +34% (9 VDC –16VDC)
Power	2.5 W
Wiring	500mm Flying leads

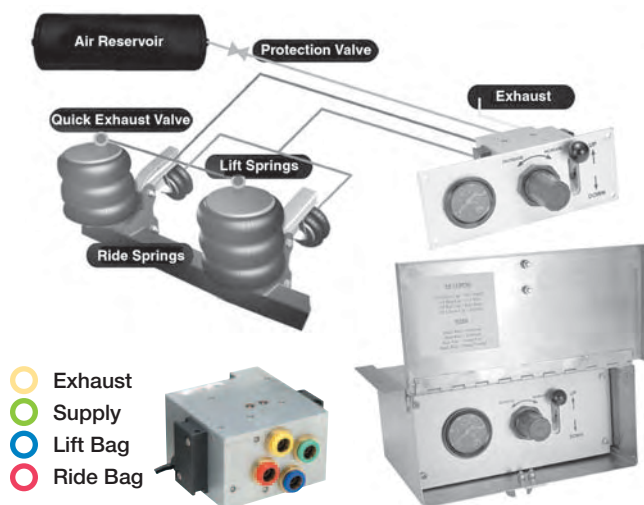
Materials

Body	Aluminum — Anodized
Spools	Aluminum
Seals	Low temperature Buna N
Springs	Stainless steel
Regulator / valves	Various — Thermoplastics
Face plates	Aluminum — Anodized
Cabinet (<i>outside only</i>)	Stainless steel

* No electrical for 004319PH

** Max pressure for 004325PH and 004468PH is 80 PSI

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Application Focused Products
Lift Axle Control Module

Single Axle - Inside Cab



Port size		Description	Part number
3/8" DOT PTC	HLK-SSI-01	Steerable	004301PH
3/8" DOT PTC	HLK-RSI-01	Reverse	004307PH
3/8" DOT PTC	HLK-NSI-01	Non steerable	004319PH

Single Axle - Outside Cab



Port size		Description	Part number
3/8" DOT PTC	HLK-SSO-02	Steerable	004323PH
3/8" DOT PTC	HLK-RSO-01	Reverse	004468PH
3/8" DOT PTC	HLK-NSO-02	Non steerable	004325PH

Most popular.

Single Axle / Lift and Lock



Port size		Description	Part number
3/8" DOT PTC	HLK-LSI-01	Inside	005446PH
3/8" DOT PTC	HLK-LSO	Outside	006013PH

Replacement Axle Control Module

For use with all lift axle modules. Toggle switch knob not included



Port size	Description	Part number
3/8" DOT PTC	Axle Control Module	004558PH

Replacement panels

Double panel shown



Description	Part number
Single	004334PH
Double	004335PH
Triple	004336PH

Pressure Gauges

For use with all lift axle modules



Description	Part number
Gauge – 1.5" diameter	004331PH*
Gauge – 2" diameter	006835PH**
Bulb	ACCBULBWIRE12VDC

* for use with inside modules only, 004301PH, 004307PH, 004319PH, and 005446PH

** for use with outside modules only, 004323PH, 004325PH, 004468PH, and 006013PH

Toggle switch

For use with all lift axle modules



Description	Part number
Toggle switch lever	332-1034
Toggle switch knob	RS#686014

Valve Assembly

For use with lift and lock modules



Description	Part number
Valve assembly (includes fittings)	004378APH

Solenoid valve

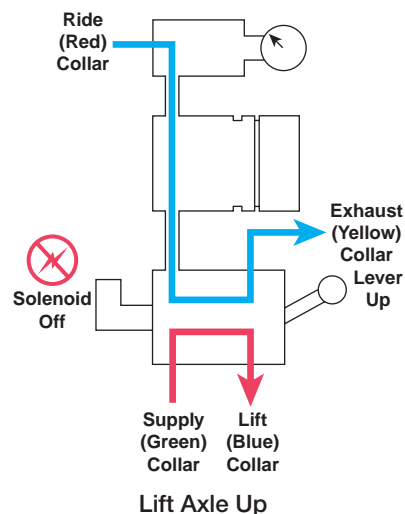
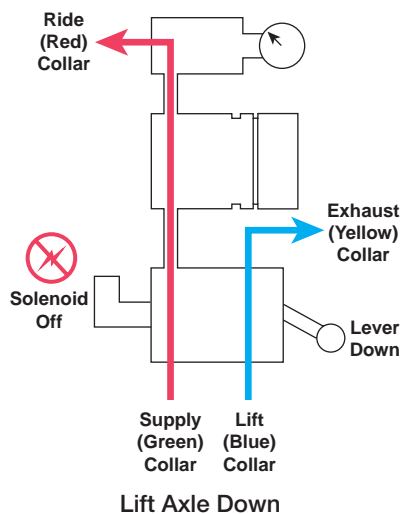
12 VDC



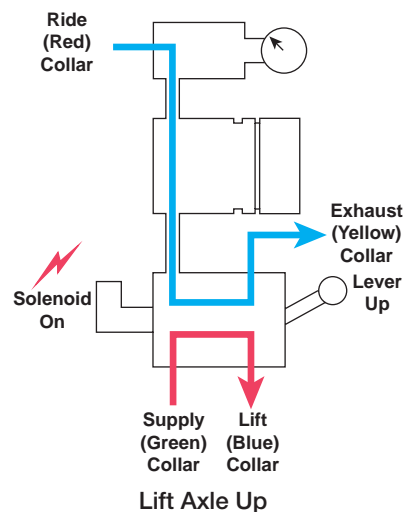
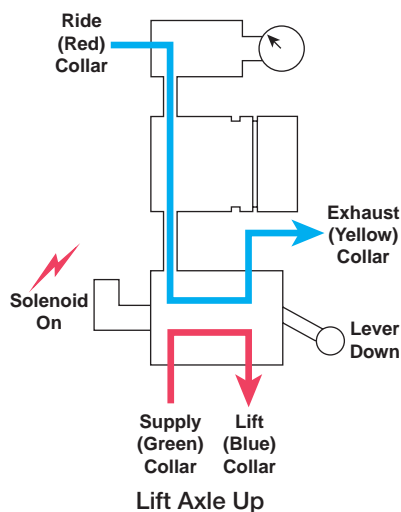
Description	Part number
For use with all other modules	004340PH
For use with 004325PH only	004378PH

Lift Axle Schematics – 004301PH, 004307PH, 004323PH, 004468PH

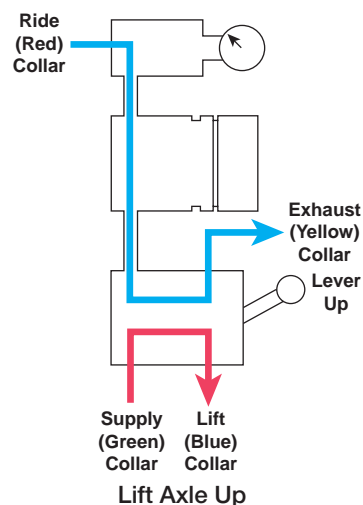
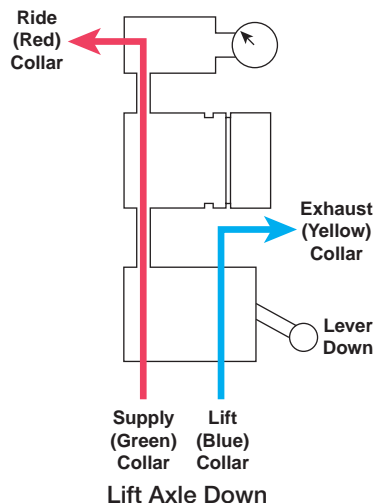
Electrical Signal Off



Electrical Signal On



Lift Axle Schematics – 004319PH, 004325PH



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Lift Axle Control Module