

LIFT AXLE CONTROL MODULE

5040 Series

- Designed for the heavy duty truck and trailer industry
- Includes two industry-proven brake-style relay valves integrated into a single unit for compactness and ease of installation
- Excellent flow capability for rapid axle actuation
- Optional control solenoid for electric control

Technical Data

Operating pressure:
30 to 120 psi

Operating temperature:
-40°F to +190°F max.
-40°C to +87.7°C max.

Material

Cast aluminum body with thermoplastic pistons and low temperature nitrile seals



Models

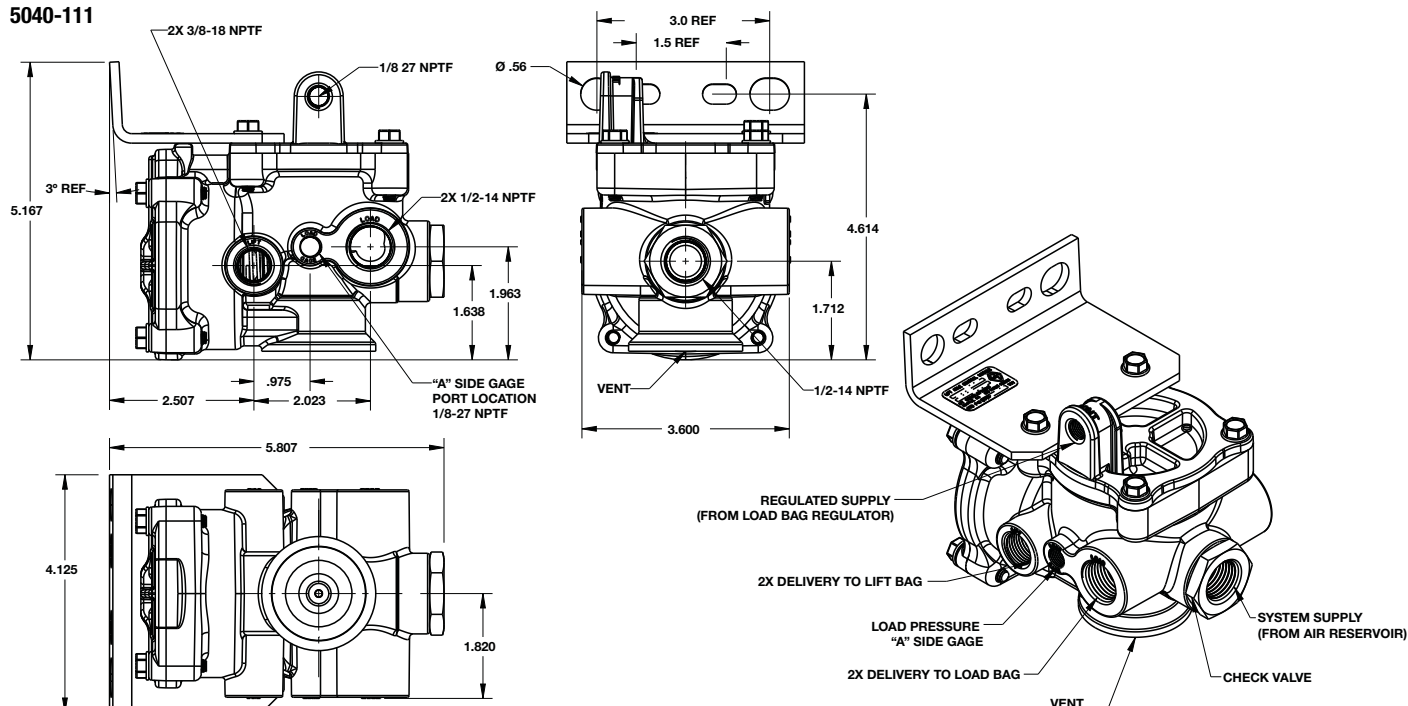
Model	Valve Type	Electrical Connection	Gage Port	Packaged
5040-111-01C	Air Actuation	N/A	A Side	Individual
5040-111-06	Air Actuation	N/A	A Side	Bulk
5040-211-01C	N/O Solenoid	Delphi Metri-Pack Series ISO sealed female connector (P/N 12052644)	A Side	Individual
5040-211-01	N/O Solenoid	Delphi Metri-Pack Series ISO sealed female connector (P/N 12052644)	A Side	Bulk
5040-311-01C	N/C Solenoid	Delphi Metri-Pack Series ISO sealed female connector (P/N 12052644)	A Side	Individual
5040-311-01	N/C Solenoid	Delphi Metri-Pack Series ISO sealed female connector (P/N 12052644)	A Side	Bulk
5040-711-03	N/C Solenoid w/out suppression	Flying Leads	A Side	Individual
5040-811-01	N/O Solenoid	Flying Leads	A Side	Individual

Replacement Solenoids for Lift Axle Control Module

Model	LACM	Electrical Termination	Inlet Port Size	Outlet Port Size	Voltage	Configuration
5020-20A	5040-311-01C and 5040-311-01	Machine Crimped, Metric pack 150 Series Connector	1/8" -27 NPTF	1/8" -27 NPTF	12	N/C
5020-21A	5040-211-01C and 5040-211-01	Machine Crimped, Metric pack 150 Series Connector	1/8" -27 NPTF	1/8" -27 NPTF	12	N/O
5020-25A	5040-711-03	Flying Leads	1/8" -27 NPTF	1/8" -27 NPTF	12	N/C
5020-23A	5040-411	Metric pack 150 Series Connector	1/8" -27 NPTF	1/8" -27 NPTF	12	N/C
5020-28A	5040-811-01	Flying Leads	1/8" -27 NPTF	1/8" -27 NPTF	12	N/O

Specifications

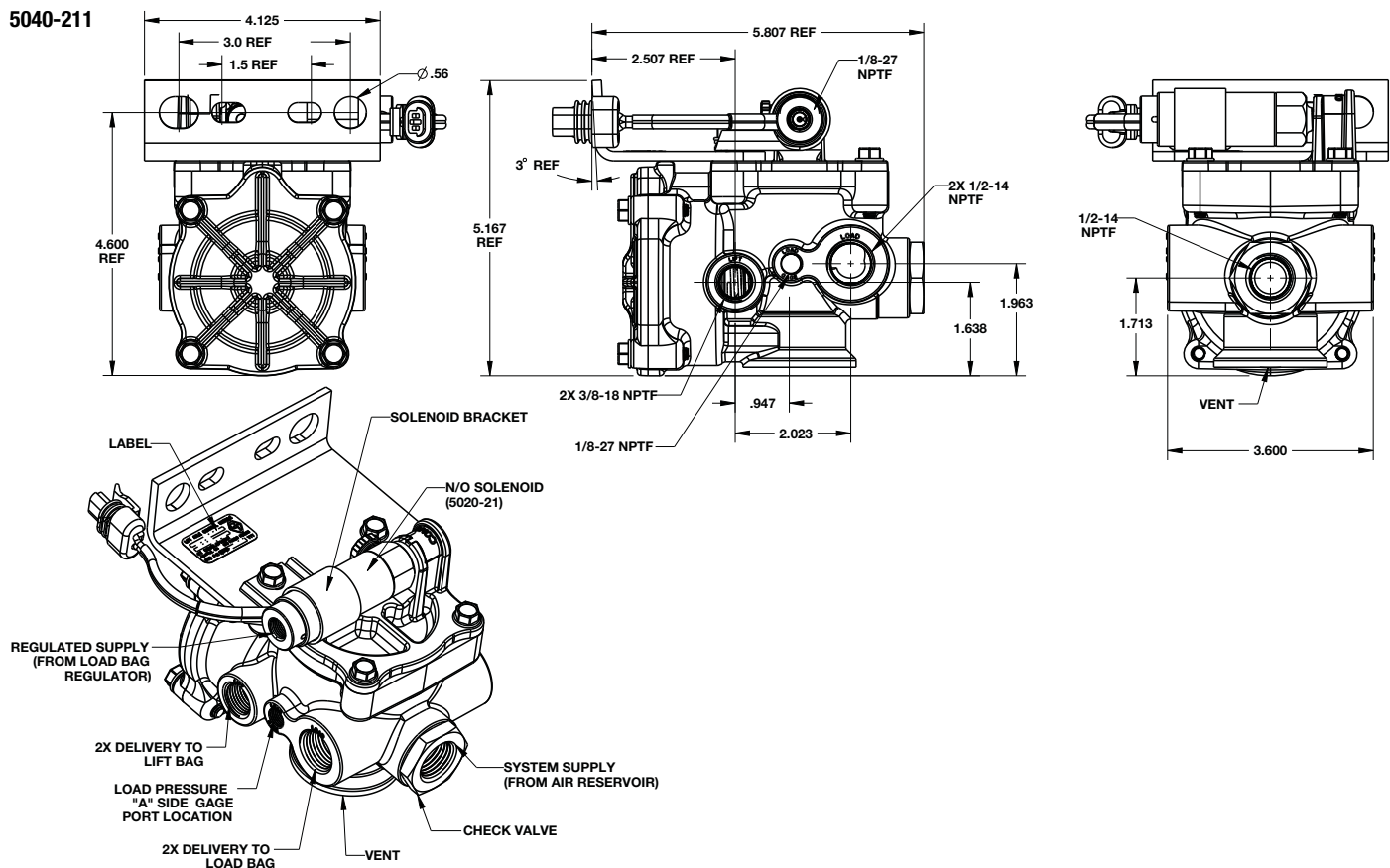
5040-111



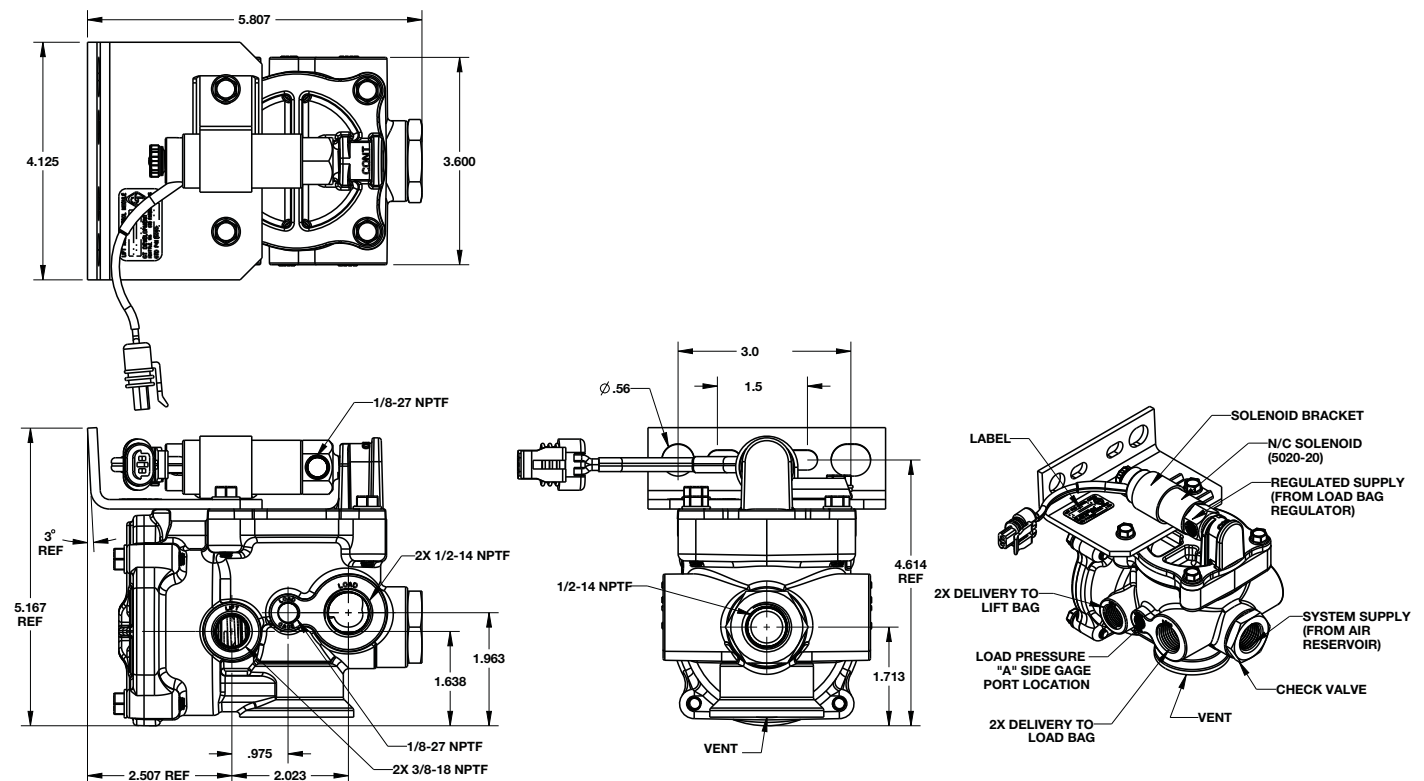
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5040-211



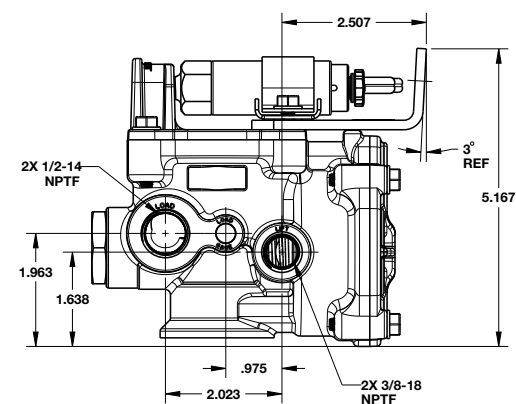
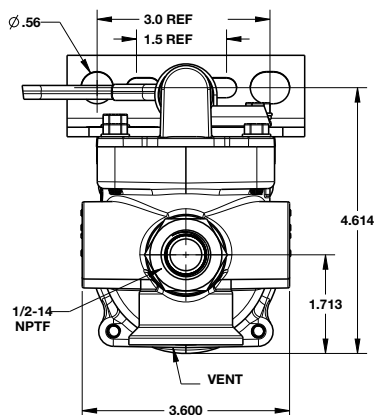
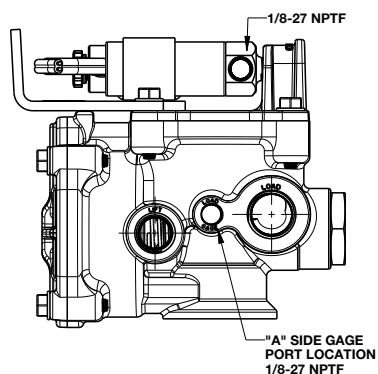
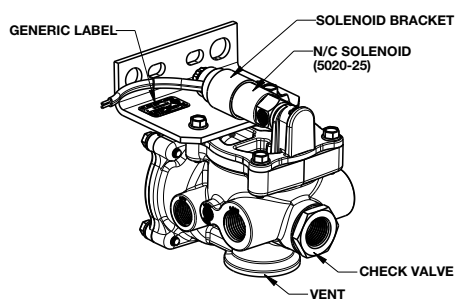
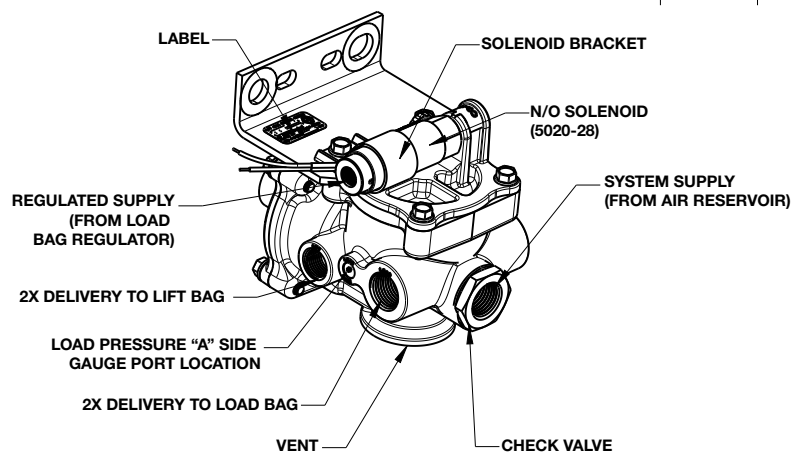
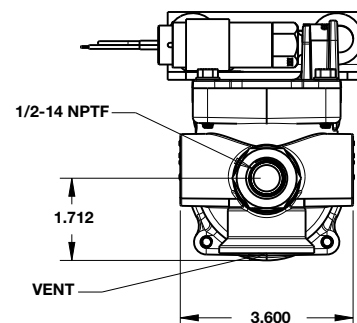
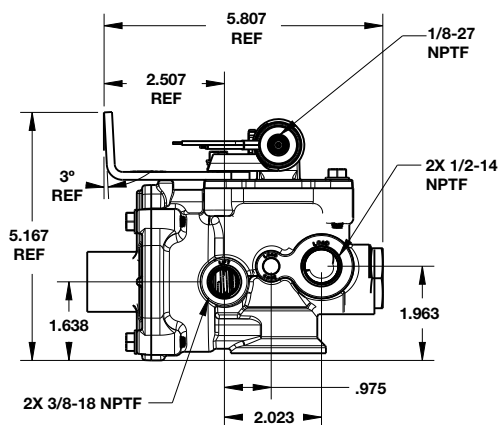
5040-311



5040 Series

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Technical drawing showing the front view of the 1000 Series 1/2" component. The drawing includes dimensions: 4.125 (height), 5.807 (width), and 3.600 (height). The component features a central mounting bracket with four circular holes, a threaded rod passing through the center, and a cable connected to a terminal block on the left. The terminal block is labeled "1000 SERIES" and "1/2" INCH".

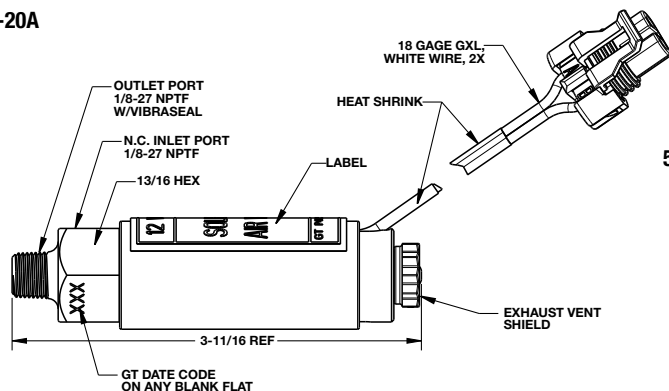
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LIFT AXLE CONTROL MODULE

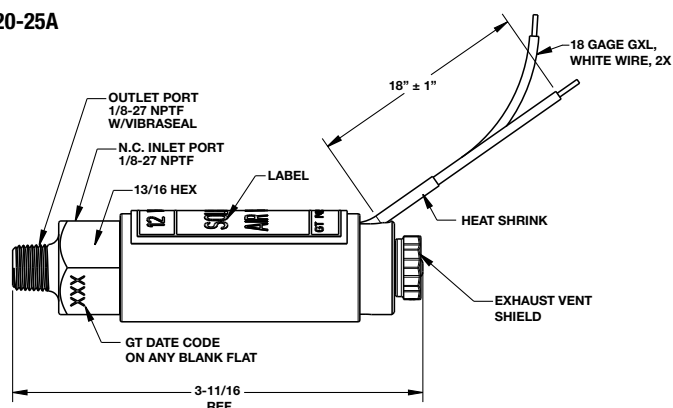
5040 Series

REPLACEMENT SOLENOIDS

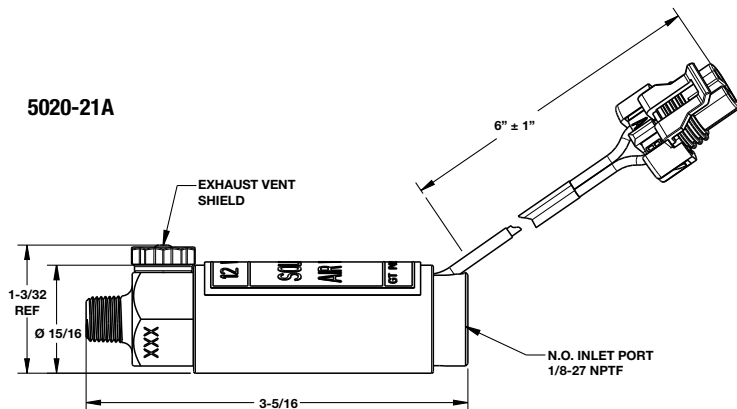
5020-20A



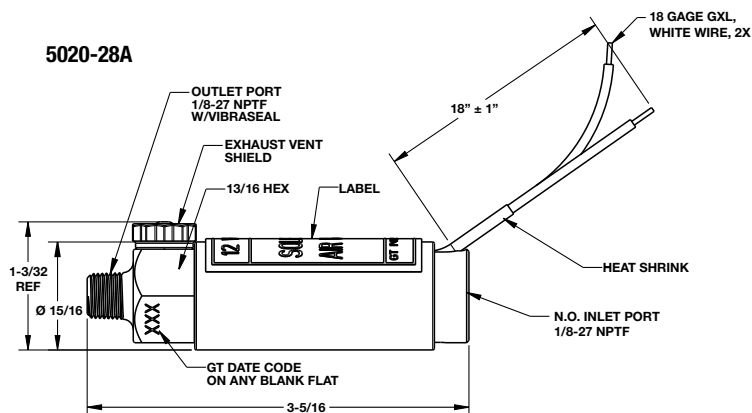
5020-25A



5020-21A



5020-28A



5020-23A

