

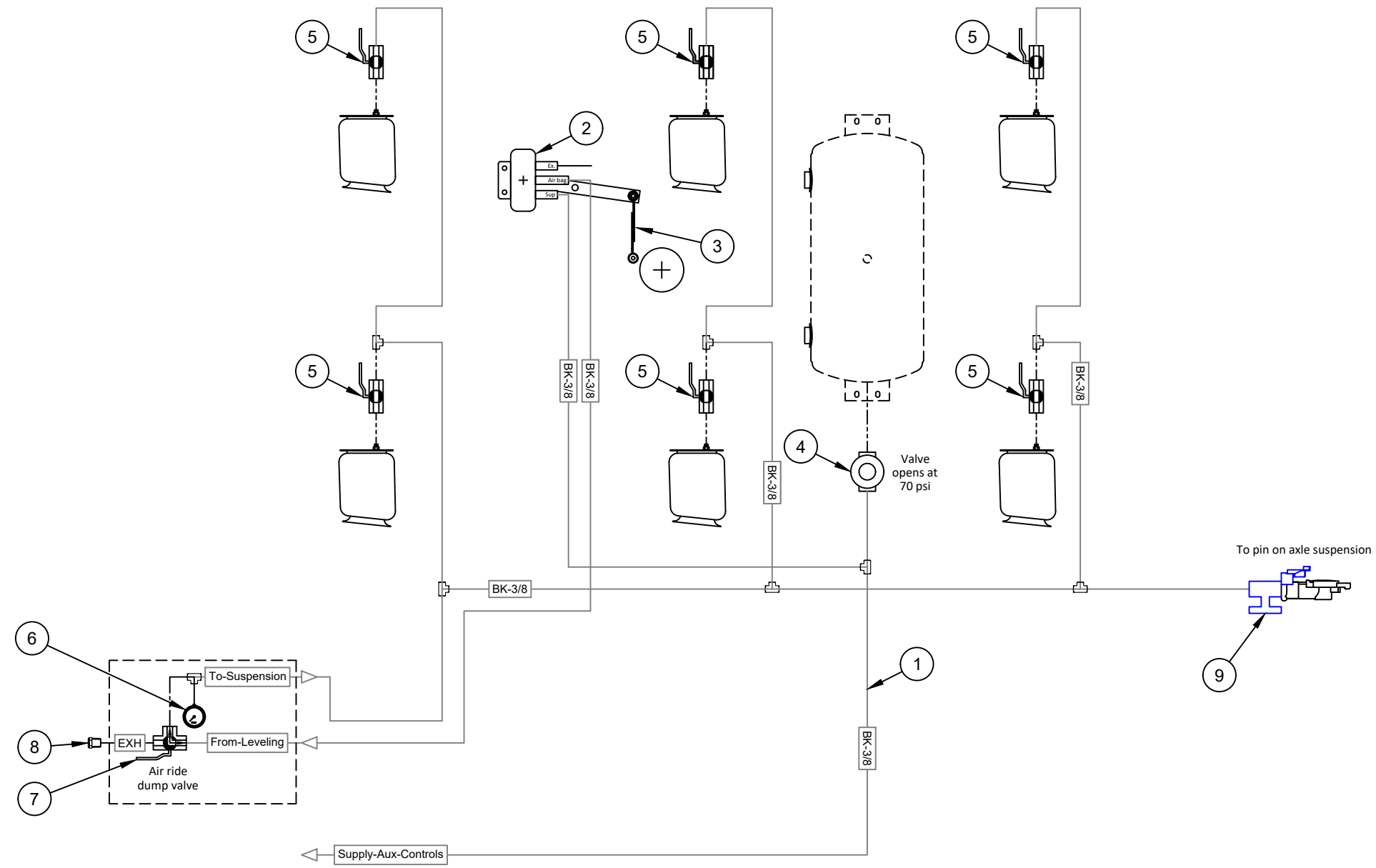
**Notes:**

1. Operating pressure between 90 to 120 psi
2. Air brake circuit is in a separate diagram
3. Electrical components are in separate diagrams
4. Optional air lifts can be added on axles that do not have sensors on the wheels. See optional diagram for details
5. Schematic is valid for a single axle to any number of axles on a single trailer (tridem is shown)
6. Basic air ride control shown (dump and level), see optional diagrams for details

**Operational Characteristics:**

1. Drain air tanks daily to prevent the buildup of moisture in the system
2. Dump valve in control box dumps all air ride air bags
3. Optional ball valves on air bags are to shut off the air supply in case of a failure

ITEM	QTE	# PIECE	DESCRIPTION
1	60	AIRHOS0047	Black Nylon DOT air brake tubing 3/8" Dia
2	1	AIRVAL0072	90054007 = LEVELING VALVE
3	1	AIRVAL0502	ADJUSTABLE LINK, 8"-15", 2RUB. BUSHING 1/4HOLE
4	1	AIRVAL0045	WM778A1 =PRESSURE PROTECTION VALVE W/FILTER *
5	6	AIRVAL0024	BV4103B, BV-04 = BRASS BALL VALVE 1/4 NPTF 600WOG.
6	1	AIRGAU0001	LIQUID AIR GAUGE 1/4 BACK 2.5" 0-160
7	1	AIRVAL0119	RA723-6 = 3 WAY BALL VALVE, PORTS 3/8 NPTF.
8	1	FITBRA0236	BBV-C = AIR VENT, 3/8 NPTM 300PSI (FILTER)
9	1	AIRGLA0009	12-306, 9211-8 = SHUT-OFF SERVICE GLADHAND "BLUE"



Color and Abbreviation Codes			Symbol Legend	
BK	Black	Control lines	☐	Tee
RD	Red	Supply and spring brake lines	NC	No Connection
GN	Green	Control and service brake lines	---	Connection line
RB	Rubber	DOT rubber lines	▭	Outlines and enclosure