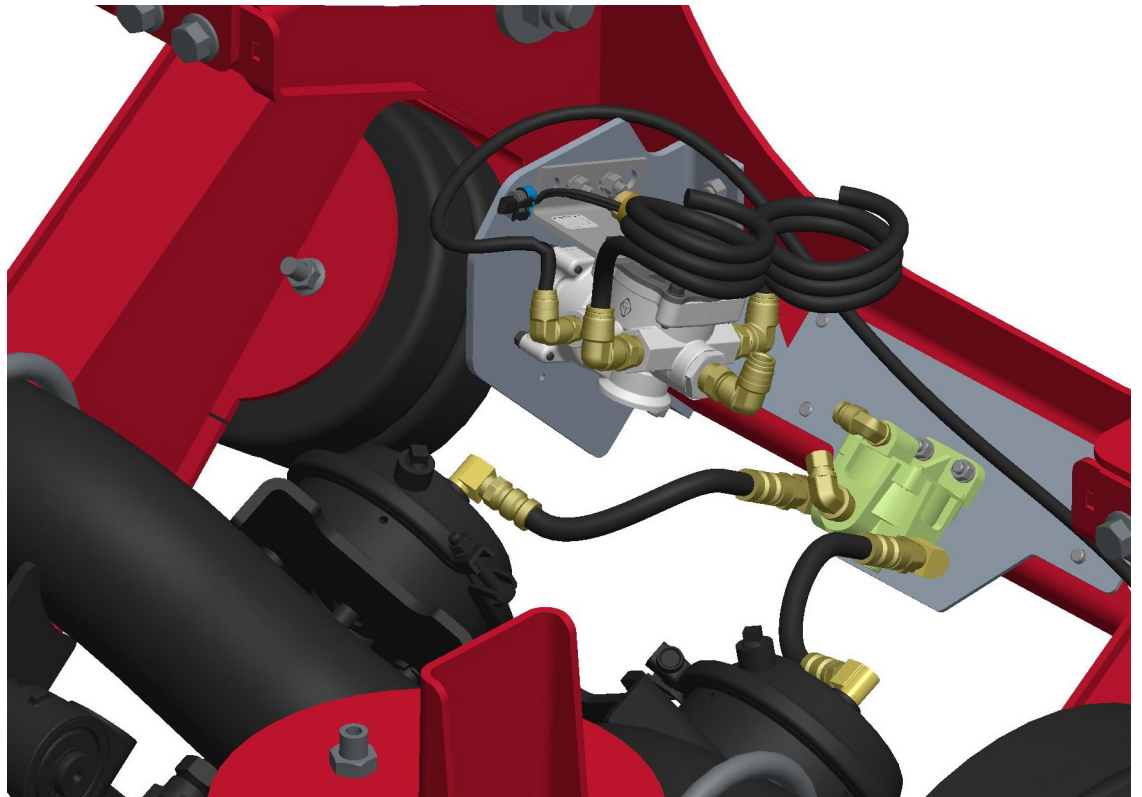


LINK Auxiliary Suspensions

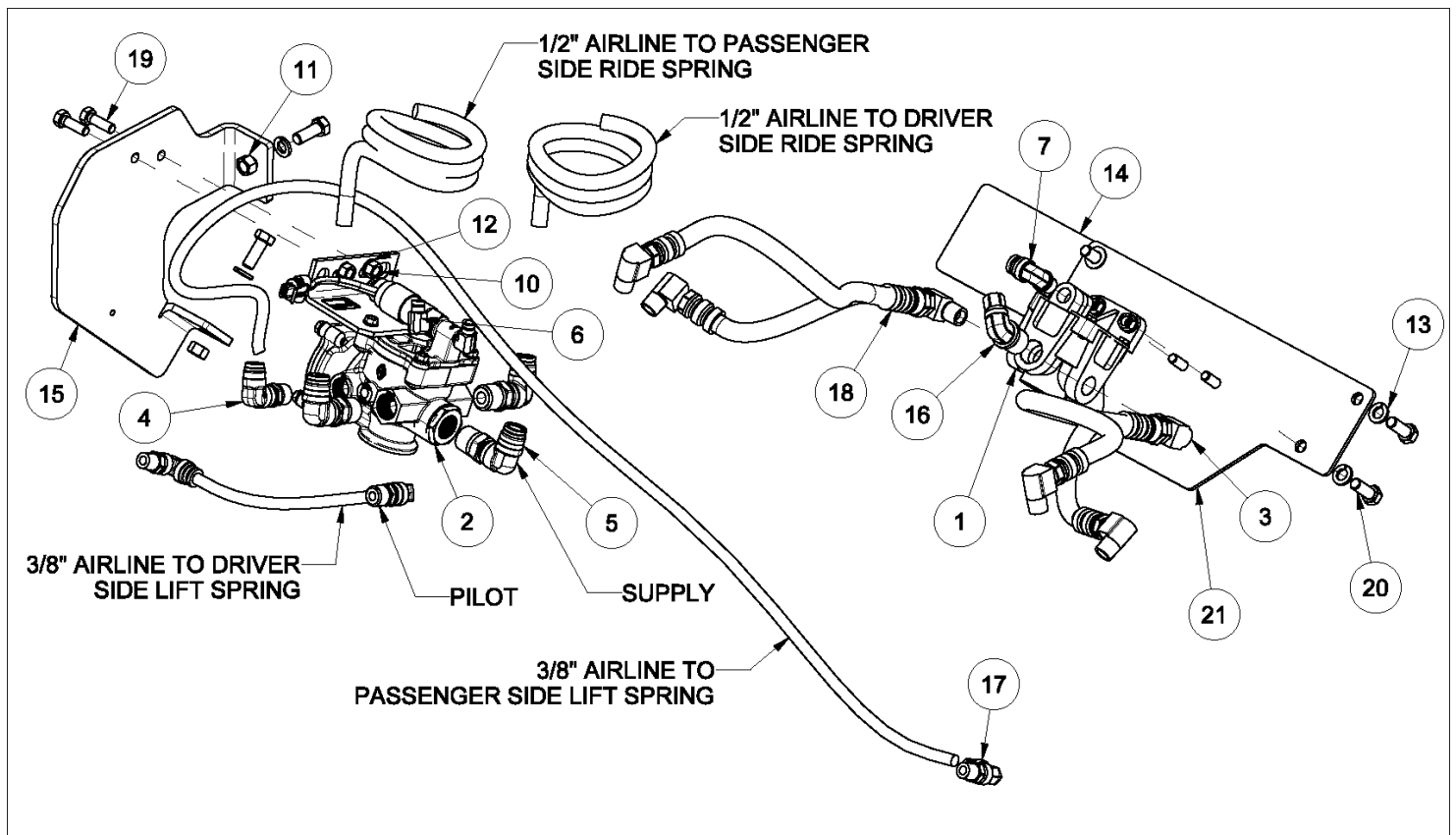
INSTALLATION INSTRUCTIONS

800A0265 - Duramax Integrated Air With GT Control Module

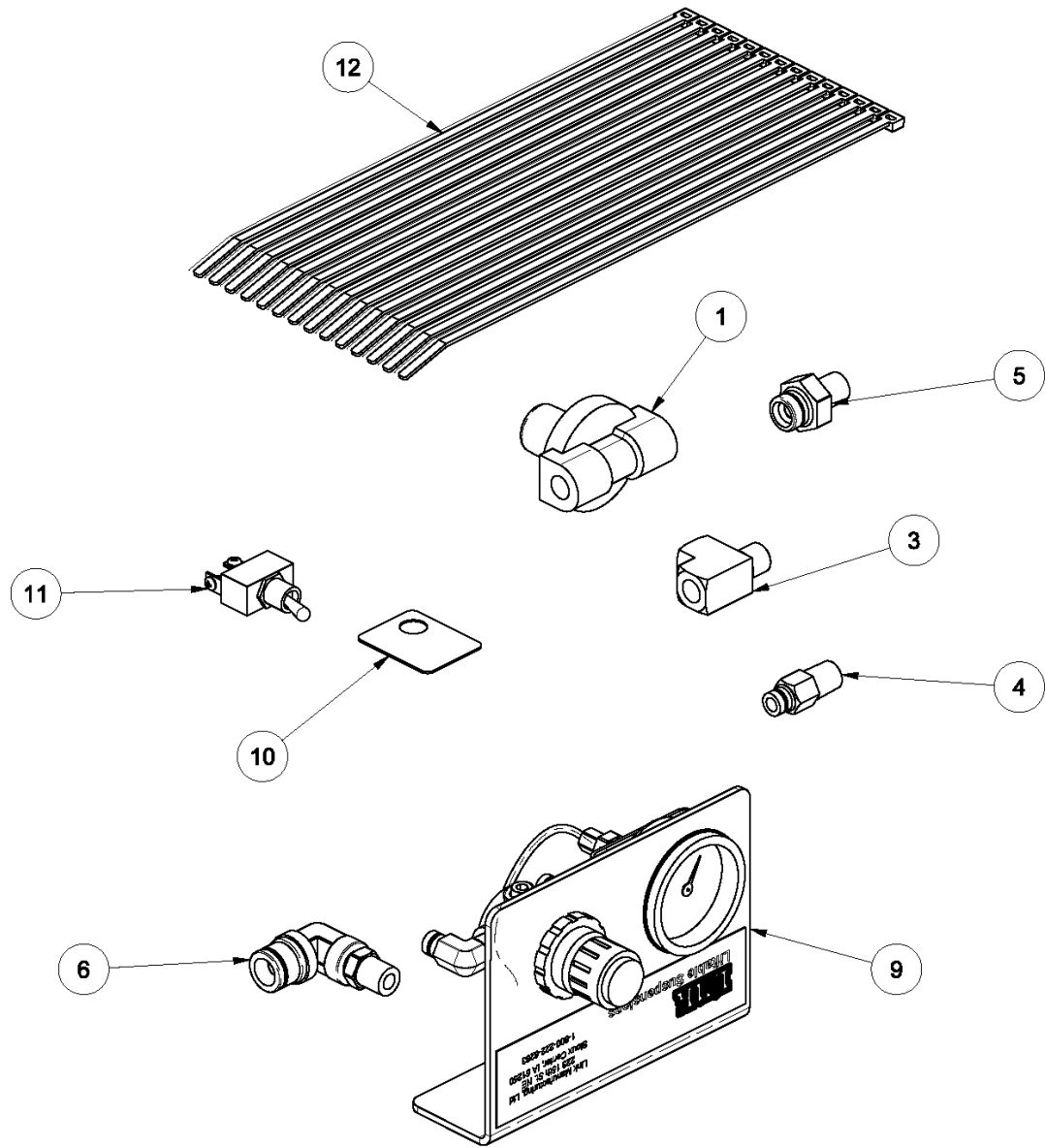


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ITEM	PART NUMBER	DESCRIPTION	QTY
1	13010508	RELAY VALVE, RG-2, MIDLAND	1
2	13010571	LIFT AXLE CONTROL MODULE	1
3	13022102	ELBOW, 90 STREET (3/8-NPT)	4
4	13025095	ELBOW-SWIV, 90 - 3/8" TB X 3/8" MNPT DOT	2
5	13025099	ELBOW-SWIV, 90 - 1/2" TB X 1/2" MNPT DOT	3
6	13025100	ELBOW, 1/4 TB 1/8 M-NPT, PUSH-IN DOT	1
7	13025104	ELBOW-3/8 TB 1/4 M-NPT	1
8	13034000	AIRLINE-NYLON, .375 O.D., BULK	6 FT
9	13035000	AIRLINE-NYLON, .500 O.D., BULK	7.5 FT
10	14701000	5/16 UNC HEX NUT (GR B)	4
11	147011200	3/8 UNC HEX NUT (GR B)	2
12	14851000	5/16 LOCK WASHER	4
13	14851200	3/8 LOCK WASHER	6
14	80002131	MOUNT PLATE, BRAKE VALVE	1
15	80002296	BRACKET, VALVE MOUNTING	1
16	13024041	ELBOW-3/8 TB, 1/2 M-NPT	1
17	13025094	ELBOW-SWIV, 3/8 TB X 1/4 M-NPT	2
18	13029972	ASSEMBLY-AIR BRAKE HOSE (26 IN.)	2
19	140B1008	5/16 X 1 UNC HEX CAP SCR (GR 8) O&P	4
20	140B1208	3/8 X 1 UNC HEX CAP SCR (GR 8) O&P	6
21	800A0262	MOUNT PLATE WELDMENT, BRAKE VALVE	1



ITEM	PART NUMBER	DESCRIPTION	QTY
1	13010084	VALVE-PRESSURE PROTECTION	1
2	13020090	AIRLINE-NYLON, .250 O.D., BULK	30 FT
3	13022123	STREET TEE, 1/4 F-NPT, M-NPT	1
4	13025046	CONNECTOR, 1/4 TB 1/4 M-NPT	1
5	13025051	CONNECTOR-MALE, 1/2 TB, 1/4 NPT	1
6	13025097	ELBOW- SWIV, 1/2 TB, 1/4 M-NPT	2
7	13034000	AIRLINE-NYLON, 0.375 O.D., BULK	20FT
8	13035000	AIRLINE-NYLON, 0.500 O.D., BULK	25 FT
9	13501018	AIR CONTROL ASSEMBLY	1
10	15001318	PLATE-SWITCH, LIFT	1
11	15050350	SWITCH-TOGGLE	1
12	15060081	NYLON CABLE TIE, 11" LONG	14
13	15092000	CORRUGATED LOOM, 3/8" BULK	10 FT

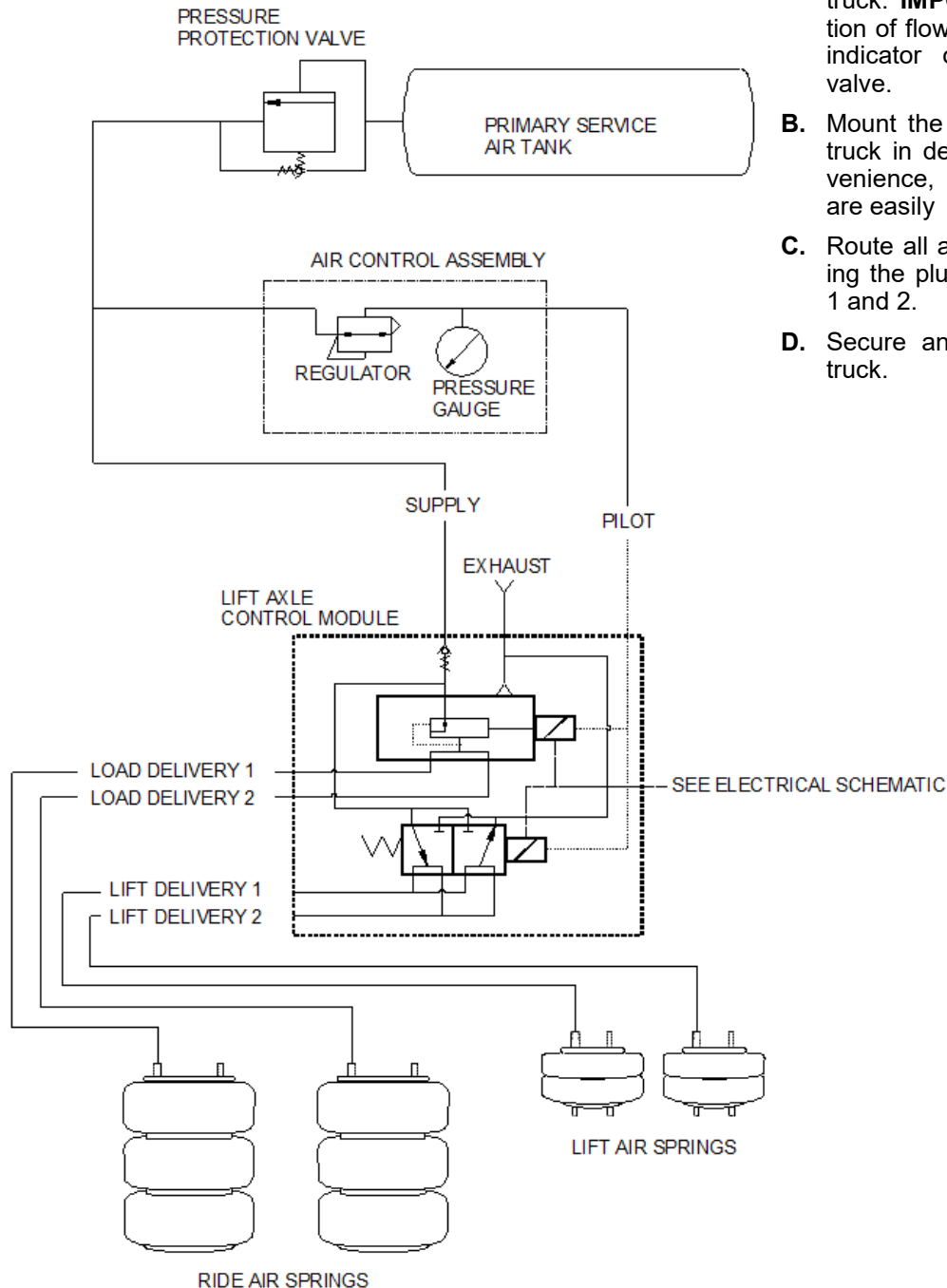
NOTES:

- 1) Use 1/4", 3/8", and 1/2" DOT airline for all plumbing between fittings as shown per figure 2. Use brass DOT fittings for all plumbing connections. Use 14-gage primary wire for all electrical connections.
- 2) Considerations should be made to route all wiring and airline in protective locations away from any moving parts.
- 3) Cable ties or other fastening devices may be required to secure airline, wire and/or fittings to truck/suspension.
- 4) Apply Permatex #807 or comparable anaerobic pipe thread sealant to fill three exterior pipe threads on brass fittings and tighten 1-1/2 revolutions beyond hand tight.

Non-Steer suspension with lift axle up when ignition is off.

PLUMBING INSTRUCTIONS

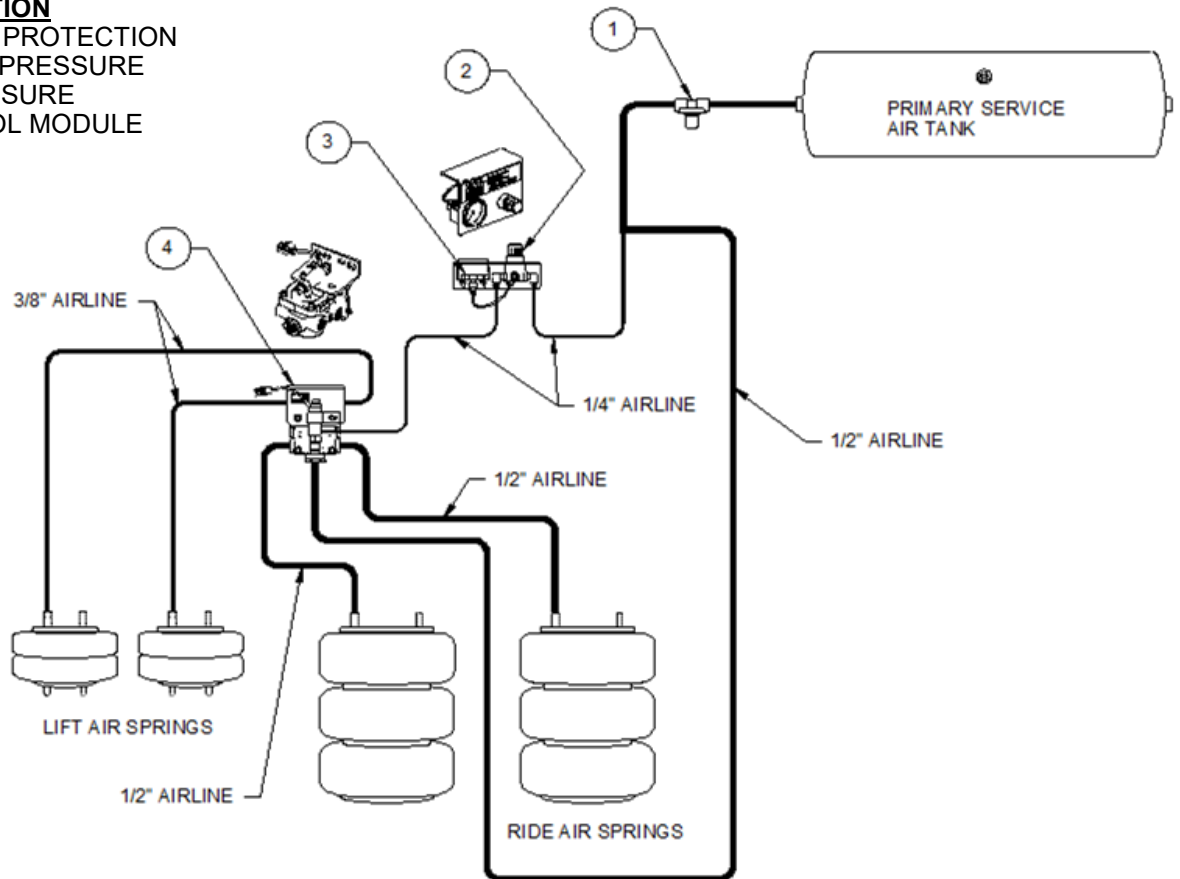
FIG. 1



- A. Connect the pressure protection valve directly to the air supply tank on the truck. **IMPORTANT:** Make sure direction of flow for the system matches flow indicator on the pressure protection valve.
- B. Mount the Air Control Assembly to the truck in desired location for driver convenience, making sure the air controls are easily accessible.
- C. Route all airlines to you suspension using the plumbing schematics in Figures 1 and 2.
- D. Secure any loose components to the truck.

ITEM PART DESCRIPTION

1. VALVE-PRESSURE PROTECTION
2. REGULATOR—AIR PRESSURE
3. GAUGE—AIR PRESSURE
4. LIFT AXLE CONTROL MODULE

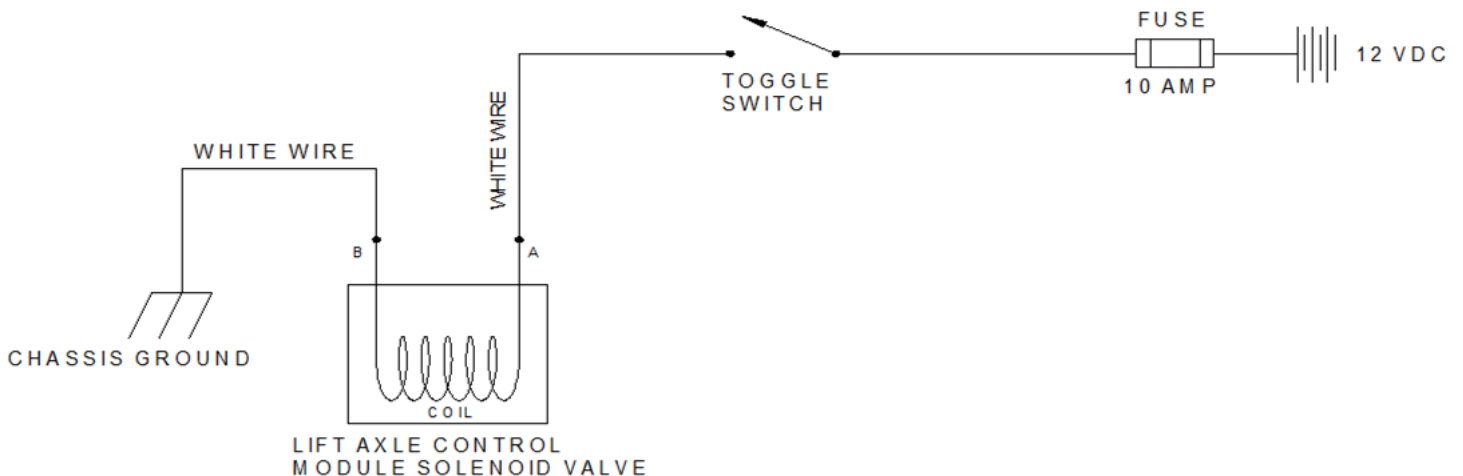


ELECTICAL INSTRUCTIONS

CAUTION: Always disconnect the battery while working with the vehicle's electrical system.

- Make all wiring connections to fuse, truck, and toggle switch as shown in Figure 3. **IMPORTANT:** Make sure that the toggle switch is wired so that the lift axle is down when the switch is on.
- Ground one of the white wires from the solenoid valve. **NOTE:** Make sure the 12VDC source is switched (turns off with the key).
- Mount the toggle switch and toggle switch plate to the interior of the truck in a desired location. **NOTE:** Make sure that lift axle position correlates with "Raise"/"Lower" position on toggle switch plate (tab on toggle switch plate may need to be removed).
- When all electrical connections have been made, reconnect the battery, pressurize the system and tighten any fittings that are leaking.

ELECTRICAL SCHEMATIC





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