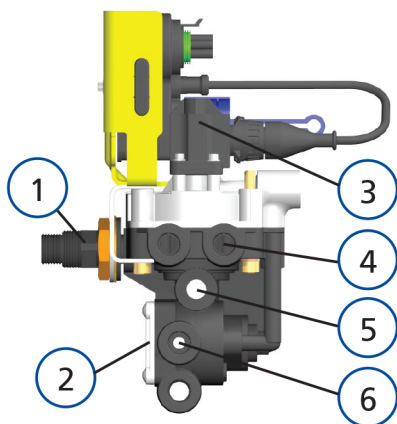
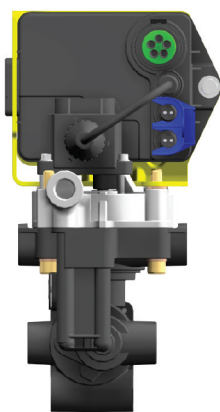


# PLC Select 1M FFABS Valve Overview

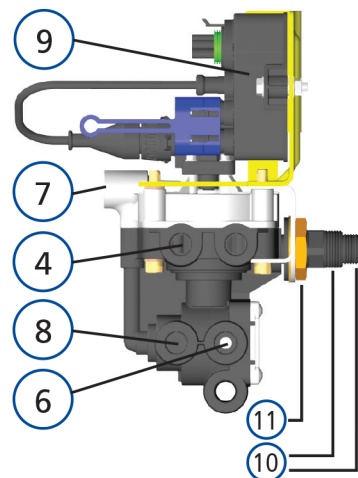
Left Side View



Front View



Right Side View

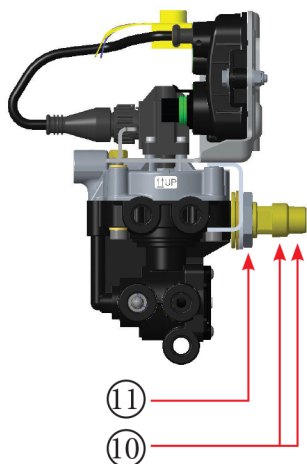


## Legend:

1. Reservoir Port 1/2" and 3/4" NPT
2. Spring Brake Exhaust Port
3. Solenoid
4. Service Brake Delivery Port (4)
5. Service Brake Exhaust Port
6. Spring Brake Delivery Port (4)
7. Service/Control Port
8. Emergency/Supply Port
9. ECU (Electronic Control Unit)
10. Tighten Nipple  
Torque 1/2" NPT to 55-70 ft-lb  
Torque 3/4" NPT to 90-115 ft-lb
11. Tighten Jam Nut  
Torque to 75-80 ft-lb

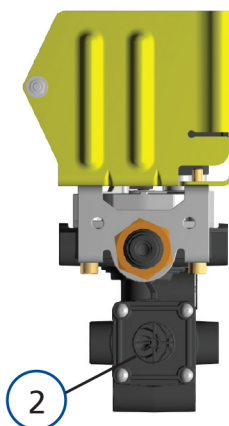
## Notes:

1. FFABS Valve is commonly used for Tandem Axle Trailers.
2. For Single Axle Trailers use (2) Service Brake Port.
3. All ports are 3/8" NPT Service and Delivery.
4. Reservoir port 1/2" and 3/4" NPT.
5. Service/Control and Emergency/Supply have a serviceable "Filter Screen" (7 & 8) installed.
6. Attach hoses to appropriate brake chambers. Use liquid thread sealant sparingly on all fittings. (Loctite PST565 or Equivalent)
7. **Do Not** bottom out fittings it will damage FFABS Valve. See Installation Steps 1-4 on Page 17.



To avoid loosening the nipple in the reservoir tank, orient the FFABS valve as shown and hold the installed nipple while tightening jam nut torque to 75-80 ft-lb.

Black Exhaust Cover indicates  
"Service Brake Priority"



White Exhaust Cover indicates  
"Spring Brake Priority"

