Maintenance Procedure for AM 700 Regulator

Dismantling the regulator

1. Remove the bonnet, pressure adjusting springs and spring button plate.
2. Remove the diaphragm assembly with gasket.
3. Using this drawing as a reference, unscrew the plug assembly under the body of the regulator; remove seat assembly, spring, friction washer and 'o' ring seal.

Assembling the regulator

1. Replace the diaphragm and seat assembly with those supplied in the repair kit.
2. Insert seat assembly and tighten (Torque setting 45-50 ft.lbs).
3. Place diaphragm assembly over seat assembly, using this drawing as a reference.
4. Insert gasket, pressure adjusting springs, spring button plate and then tighten bonnet onto regulator body (Torque setting 45-50 ft.lbs).