

PROBLEM	ROOT CAUSE	SOLUTION
<b>Leak at top Bonnet hole</b>	Capsule seat leak	Reseat Capsule & apply proper torques (self centering -60 in/lbs; ball and socket -40 in/lbs) Replace capsule seat
	Diaphragm leak	Reseat Diaphragm if self-centering type; replace diaphragm
	Improper capsule/diaphragm assembly	Check that capsule ball is inside diaphragm hex slot, tighten/align per assembly instructions
<b>Leak at the Bonnet thread</b>	Bonnet not seated properly	Check for cross threading; Reseat bonnet and apply proper torque
	Loose bonnet	Retighten bonnet with proper torque (zinc -190 in/lbs; poly-190in/lbs)
	Paint in thread (zinc only)	Scrap Bonnet and replace with a new one
<b>Leak at the fittings</b>	Fitting not tight	Remove fitting and apply teflon tape and loc-tite Install fitting until tight
	Crossed threads	Remove fitting and replace with a new one
<b>Leak at tank fitting</b>	Fitting not tight on tank	Retighten fitting until tight on tank valve
	Damaged or worn out seal	Replace seal (o-ring/washer)
	Damaged nut or tank fitting	Replace nut/tank fitting
<b>Leak at the safety</b>	Debris at sealing surface	Remove safety and check the quad ring for debris & clean
<b>Unable to turn bonnet screw or top adjustment cap/knob</b>	Adjustment screw threads are crossed	Replace zinc bonnet assembly
	Adjustment knob is stripped	Replace poly bonnet assembly

Refer to pages 4 - 12 for detailed product listings of available Taprite regulators, spare parts and accessories.