

Quarterly Preventative Maintenance Guide

- **Replace portafilter gaskets**
 - 8.4mm = 1.3440 (standard size)
 - 9.0mm = 1.3430 (for older handles with worn ears)
- **Inspect and replace group diffuser screens if worn or damaged**
 - Synesso reinforced screen 1.3292
- **Inspect portafilter baskets for wear or damage. Replace if necessary**
 - 14 gram basket=1.7000
 - 18 gram basket=1.7090
 - 21 gram basket=1.7170
- **Inspect and rebuild or steam valves if signs of leaking. Clean and lubricate wand pivot ball and pusher face**
 - Rebuild kit = 1.7320
 - Complete valve = 1.4501
 - Remove and clean steam tips
- **Check flow rate at each brew group. Minimum 2 oz in 6-8 seconds**
- **Check that expansion valve does not leak at 9bar. 11-12 bar is the factory standard setting**
 - Expansion valve = 1.4070
- **Check line, bypass, and pump pressures**
- **Inspect steam tank vacuum breaker. Replace if signs of leaking**
 - Vacuum breaker = 1.4265
- **Inspect steam tank pressure relief valve (dark spots may indicate leaking). Replace if signs of leaking**
 - Pressure relief valve = 1.4102
- **Depressurize steam and brew systems, check that gauges return to zero. Replace if not accurate**
 - 0-60psi steam gauge = 1.4083
 - 0-300psi brew gauge = 1.3373
- **Remove and inspect level probes. Clean scale if necessary**
 - Upper level probe (fill probe) = 1.4111
 - Lower (safety) probe = 1.4112
- **Inspect drain hose for clogs or leaks**
- **Check steam handles for grit, friction, or contacts. Lubricate and adjust as needed**
- **Test handheld controller for proper operation. All buttons react as normal**