

Recommended Maintenance Intervals for the Most Popular Gyro Compasses

Compiled by Mackay Marine - Singapore and Jacek Mrozkiwicz July, 2015

| Gyro Compass | | Recommended Spares | Service or Replacement Due |
|-------------------------|----------------------------|---|--|
| Make | Model | | |
| Tokimec/ Tokyo Keiki | TG-8000 | Sensitive Element 10229409H Brushes 10239379 and 10239380 Step motor 10189046 Belt 10160030 HRZC PWB 10169503 INVERTER PWB 10169109 or(10169537) POWER PWB 10189517 | 2-3 yrs. 2 yrs. 6 yrs. 6 yrs. 6 yrs. 6 yrs. 6 yrs. |
| | TG-6000 | Sensitive Element 10229409H Brushes 10239379 and 10239380 Step motor 10169210 or 10189046 Belt 10160030 HRZC PWB 10169503 INVERTER PWB 10169537 or 10169109 PMCU PWB 10169528 POWER PWB 10169517 FLEXIBLE WIRE(EAST) 10169706 | 2-3 yrs. 2 yrs. 6 yrs. 6 yrs. 6 yrs. 6 yrs. 6 yrs. 6 yrs. 6 yrs. |
| Yokogawa | CMZ-900 | Gyro Sphere KT007 Overhaul Service Kit M.MAIN BD ASSY - V8123WB I/F BOARD ASSY - V8114SL | 20,000 Running hrs. (2.5 years if continuous) 1 yr. Only when Defective Only when Defective |
| | CMZ-700 | Gyro Sphere KT005 Overhaul Service Kit PS1 ASSY - V8114SS PS ASSY - V8114SU INVERTER ASSY - V8123SE | 20,000 Running hrs. (2.5 years if continuous) 1 yr. Only when Defective Only when Defective Only when Defective |
| Sperry | Navigate X MK i | Gyro Sphere (Mercury or Mercury-Free) Overhaul Service Kit (Mercury or Merc.-Free) Cooling Fan - 026797 Gyro sphere Container Center Pin Master PCB Pickoff PCB | 5 yrs. 1 yr. 3 yrs. 5 yrs. Only when Defective Only when Defective Only when Defective |
| C-Plath | SR180 MK 1 | Gyro Sphere (Mercury) Overhaul Service Kit (Mercury) Gyro sphere Container Center Pin Master PCB Pickoff PCB | 5 yrs. 1 yr. Only when Defective Only when Defective Only when Defective Only when Defective |
| Anschutz | STD 20 / 22 | Gyro Sphere Overhaul Service Kit Pump | 4 yrs. 1 yr. 3 yrs. |