**1.0** **SUBJECT**: Installation guidelines and torque values for silicone rubber rocker cover gaskets.

**2.0** **APPLICABILITY**: All ECi silicone rubber rocker cover gaskets.

| | |
|---|---|
| AEL75906-063S | Lycoming Parallel Head Engines |
| AEL67193-063S | Lycoming Angle Head Engines |
| AEC530162-063S | TCM 200 Series Engines |
| AEC534857-063S | TCM 470/520/550 Series Engines |
| AEC653380-063S | TCM GTSIO Head Engines |

**3.0** **INSTALLATION**:

3.1 Clean the surfaces in contact with the gasket. Both cylinder and rocker cover surfaces must be completely clean and free of debris such as old gaskets, dirt, and oil.

3.2 ECi silicone gaskets may only be installed in accordance with engine overhaul requirements.

3.3 Verify that rocker cover screws are clean, dry, in serviceable condition. When necessary, screws may be replaced with FAA-approved equivalents.

3.3.1 LOC-TITE 242 or equivalent product may be used on the screw threads as required.

3.4 Verify that the cylinder threads are clean, dry, and serviceable. Verify that the rocker cover surface is flat and serviceable. Heads that are not serviceable must be replaced or repaired by an authorized repair facility.

3.5 ECi silicone rubber rocker cover gaskets are to be installed DRY without sealant or adhesive additives. DO NOT use such products with the ECi silicone rubber gaskets.

3.6 Install gasket, rocker cover, and screws and torque to the following specifications:

For a cold engine (less than 100°F), torque to 25 in-lbs.

For a warm engine, torque to 20 in-lbs.

3.7 After the engine has warmed above 100°F, retorque to 20 in-lbs. DO NOT over-torque!

Over-torquing may result in leakage. Avoid excessive deformation of the ECi silicone gasket.

3.8 Check and retorque on the intervals established by the engine manufacturer.



Corporate Office • 9503 Middlex • San Antonio, TX 78217 • Tel (210) 820-8100 • Fax (210) 820-8103 • 800-ECi-2FLY (800-324-2359)
www.eci2fly.com • sales-service@eci2fly.com • FAA Repair Station #AG2R689K

Airmotive Steel, Classic Cast, CermiNil, Cermicrome, CermiSteel, Double Band, Engine Redi, Electro-Fusion, EC Focus, Freedom, IFR, Nerodize, Q3, Q4, Q5 & TITAN are Trademarks of ENGINE COMPONENTS, INC.