



Forward Direction Motorsports, LLC

See below for basic maintenance tips for Briggs
LO206 Engines.

Every Session:

- Tension chain to 1"-1.5" slack at the tightest point in the chain.
- Lubricate chain with high quality chain lube, specifically on the inner side plates. Remove any excess dirt before lubricating. FDM recommends [Motul Factory Line](#)

Every Day:

- Drain fuel from Carburetor when not in use, using phillips head screw in float bowl.
- Check throttle cable for correct adjustment, open and close the slide fully.
- Change engine oil using Amsoil Briggs and Stratton 4T. Drain and refill with 14oz. Recommended for every 1 hour of use.
- Check chain alignment

Every 4-5 Track Days:

- Clean air filter using soap and warm water, blow dry using compressed air. Alternatively can use air filter aerosol cleaner. Make sure to re-oil the filter using a high quality air filter oil
- Remove clutch assembly, clean, reassemble. Clean drum, shoes, bearing, and crankshaft thoroughly. Advised to lightly grease the crankshaft before installing clutch as an anti-seize. Lightly grease needle bearing, recommend Motul Tech Grease or similar.
 - Note - If using a Hilliard Flame clutch lightly sand clutch shoes and drum to remove burrs, then clean of any contaminants before reassembly.
- Remove carburetor and remove float bowl. Remove jets and spray clean with carburetor/brake clean. Clean thoroughly. Take extra care in ensuring the pilot jet is clean, use soft bristle brush if needed. When installing carburetor ensure carburetor alignment is correct on the manifold.

As Needed:

- Leak down test, should be < 3% total to ensure optimal performance.
- Replace spark plug
- Check valve lash, set to 0.001"
- Nut and bolt check