

**ENGINES (4-CYCLE)**

**Date:** April 24, 2023

**Subject:** 547cc High Altitude Carburetor Kit

**Part Affected:** **651-08790** Carb Altitude Kit

**NOTE:** *These materials are prepared for use by trained technicians who are experienced in the service and repair of equipment of the kind described in this publication, and are not intended for use by untrained or inexperienced individuals. Such individuals should seek the assistance of an authorized service technician or dealer.*

**NOTE:** *Always wear eye protection while servicing equipment. Wear hearing protection when appropriate. Always work in a well ventilated area and follow all safety precautions when dealing with combustible materials.*

**NOTE:** *Left (LH) and Right (RH) sides are determined from the operator's position and facing in the forward direction.*

**Purpose:**

Stanley Black & Decker has created a High Altitude Carburetor Kit for the AX90 547cc Series Engines. While operating equipment at high altitude and for best performance of this engine, SBD recommends installing the following High Altitude Carburetor Kit: **651-08790**.

**A**ction Required:

**NOTE: Refer to Engine Service Manual for detailed instructions.**

1. Place the engine (equipment) on a flat level surface.
2. Clamp off the fuel line supply.
3. Drain the fuel in the Carburetor completely by unscrewing the drain screw in the bowl.
4. Remove the Carburetor.
5. Remove the Carburetor bowl and using a proper blade screwdriver, carefully replace the Main Jet with the Main Jet for the expected altitude per the schedule in the Engine Manual.

**NOTE: Refer to Engine Operators Manual for expected altitude schedule.**

6. Replace all o-rings and gaskets included in the kit which are worn, torn, or show signs of deterioration.
7. Reinstall the Carburetor.
8. Remove the fuel line supply clamp.
9. Test run the engine in a safe location prior to returning to service.