



World Class Cleaning Solutions

CASE STUDY

Auto Intake Manifold Cleaning

Customer Details:

Product: AquaVantage® 815 GD-NF

Parts Cleaned: Automotive intake manifold. Various models and sizes.

Specific Metals: Cast Aluminum.

Removing What Soil: Oil, particulate, carbon, ambient soils.

Why: Cleaning can be expensive and problematic; incorrect cleaning will damage part or fail to clean.

Current Process: Various.

Improvements Sought: Fast effective on-site way to clean at repair shop

Equipment Used:

Ultrasonic Washer, 20 or 40 gallon capacity, 40 kHz, Tierra Tech

BHC Partner Process:

Chemistry: AquaVantage 815 GD-NF

Concentration: 10-12%

Temperature: 149F / 65C

Time: 15 minutes wash time.

Rinse Water Number and Time: 1 stage, ~5 min or as needed

Dry: ambient

Results: Parts are clean, undamaged, restored to original condition.

Reason BHC Won: AquaVantage 815 GD-NF quickly removes soils without damaging the aluminum part. Distributor partners supplies effective washing system.

Current Situation with Process:

Introduce to smaller repair shops

Before



After

