

Macon Parts Harvesting – Scope of Work

Cypress Engine Accessories shall provide all necessary personnel, supervision, expertise, tools, and equipment required to carefully remove, preserve, crate, and prepare for shipment all designated power cylinder components from the Macon Worthington SWCG0-16 engine.

Scope of Work Description

Cypress Engine Accessories shall carefully remove all power cylinder components identified for reuse. All removed components shall be properly preserved, packaged, labeled, and secured for shipment.

Components to Be Removed and Preserved

The following components shall be removed from each cylinder and preserved for future reuse:

Complete Power Pack (per cylinder), including:

- Fulcrum box with lid (16 total)
- Cylinder head complete with valves
- Air start valves
- Gas valves
- Rocker arms
- Push rods
- Pistons with rings
- Piston liners

Additional Components:

- 16 fuel lines and snubbers
- 16 fuel pumps

Any additional miscellaneous components removed during the harvesting process that may be useful in the future shall be collected, preserved, and shipped with the other components.

Any specialty tools associated with the engine that may be useful in the future shall also be collected and shipped with the harvested parts.

Handling, Labeling, and Packaging Requirements

- All disassembled components shall be clearly labeled with the corresponding cylinder number (e.g., #2 piston, #2 rod, #2 cylinder).
- Each crate shall be labeled to match the cylinder numbers of its contents.
- Pistons shall be removed from each cylinder, and connecting rods shall be removed from the pistons.
- Piston rod caps, bolts and bearings shall be reinstalled to their original rod prior to crating.
- Wrist pin and retainers shall be reassembled and left in the piston.
- Pistons and rods shall be packaged separately to prevent damage and properly preserved for shipment and future reuse.
- All components shall be secured in a manner that prevents damage during handling and transit.

Crating and Shipping

- All components shall be crated for shipment.
- Cypress Engine Accessories shall load all crates onto trucks for transit.
- The City of Jackson shall arrange and provide trucking from Macon to Jackson.

Compatibility Verification

Upon removal of the first power pack, an inspection shall be performed to verify compatibility between the Macon engine components and the Jackson engine components. The City of Jackson shall provide a cylinder from its inventory to assist with this verification.

If incompatibility is identified, the City of Jackson shall determine whether the work will continue or be halted.

Site Safety and Coordination

- Cypress Engine Accessories shall maintain the work area and surrounding areas in a safe, orderly, and clean condition at all times.
- Extreme care shall be exercised when using Macon's overhead crane, forklift, and any other equipment to prevent damage.

- Continuous cooperation and coordination with Macon personnel shall be maintained throughout the project.

Insurance Requirements

Insurance coverage, as specified in the contract documents for this project, shall name both the City of Jackson and the City of Macon as additional insureds. Each entity shall be listed separately on the Certificate of Insurance (COI).