Pulled and replaced Eaton/Fuller transmission with an Allison   
Programmed trans TCU and shift patterns   
Removed drive line, installed new one and adjusted Hi-Rail stop brackets.   
Removed, rebuilt/update and re-installed Cotta reversing box   
Removed old cooler from unit & installed upgraded version along with a safety guard   
Designed, fabricated, and install brackets and mounts to realign engine, cooler systems, hood and pump.   
Removed old wiring harness from truck and made a custom harness to adopt to the new transmission.

Replaced hydraulic hoses as needed.

Replaced air sensors for lines   
Installed new brake valves   
Replaced/add lights with Led, installed additional led light bars on the boom to increase nighttime visibility.

Installed new hi-rail shocks  
Installed new A/c compressor and recharge a/c system.

Installed reman starter.

Installed new serpentine belt on engine   
Detailed cab of truck and wash the whole rig

Performed complete PM service on the truck and the air system.   
Crane inspection and basic repairs   
Hi-Rail evaluated and basic repairs   
Performed Brandt & DOT inspections   
Tested truck on highway and on rails  
Final pre-delivery inspection before delivery.