**Brandt Hi-Rail R4 #302**

Western Star

VIN 2WLMALAV82KK5338

ReGear’d with Allison Transmission

Scope of Work -

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   
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.

Removed old cooler from unit & installed upgraded version along with a safety guard.

Replaced all ten (10) tires with new tires.

Replaced hydraulic hoses as needed.

Replaced all four (4) air bags for hi-rail system   
Installed new C26 brake valve   
Replaced/added LED lights

Installed new hi-rail shocks  
Installed new A/C Compressor and recharged A/C system.

Installed remanufactured starter.

Installed new alternator.

Installed new serpentine belt on engine   
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.

Detailed cab of truck and wash the whole rig.

Final pre-delivery inspection before delivery.