A remanufacturing facility in Grapevine, TX that’s second to none. We can say with confidence that every step in our remanufacturing process exceeds the highest standards and delivers the finest diesel fuel injectors.

1. **Supporting Core Resources**
   - To deliver on our promise to provide customers with the highest quality injectors, our facility has hundreds of high-volume injectors in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

2. **Improving Your Core Resources**
   - Our experienced core buyers scour all supply avenues across North America and today we have tens of thousands of cores in stock, to ensure product availability and quick order fill.

3. **Sourcing Quality Components**
   - Thanks to our sophisticated demand planning and inventory deployment models, we can continually manage our supply chain to ensure high-quality, high-first-time yield injectors. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

4. **Testing the Components**
   - Our skilled technicians follow an expansive core resource, we have a continuous measurement process. By using precision tooling and measurement instrumentation, we’re able to remanufacture injector components to pre-defined tolerances and putting them through visual inspections and electrical testing. On top of their critical tolerances and putting them through visual inspections and electrical testing. On top of their critical tolerances and putting them through visual inspections and electrical testing. On top of their critical tolerances and putting them through visual inspections and electrical testing. On top of their critical tolerances and putting them through visual inspections and electrical testing.

5. **Cleaning the Components**
   - First, we pre-clean in a hot-water detergent cycle to clean injector surfaces. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

6. **Inspecting Remanufactured Components**
   - We verify remanufactured components by testing them after assembly. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

7. **Reassembling the Components**
   - Assembly is complete when the final assembly process has been successfully completed and components have been checked and tested for quality. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

8. **Testing the Injectors**
   - Flight tests include dynamometer testing conditions, testing durability and expected contact stress with pulse width, pressures, and speed. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

9. **Identifying the Parts**
   - In order to avoid repeat work, the injector is passed along by one person to another until the end is reached. Each person is responsible for checking and inspecting the injector as it moves through the assembly process for injector pulse width, pressures, and speed. We do that, our engineers have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill. We have tens of thousands of cores in stock, to ensure product availability and quick order fill.

10. **Packaging the Parts**
    - Our skilled technicians protect from dust during assembly by wearing dust masks. The finished product is quality inspected before it leaves our facility.
**High Pressure Oil Pumps**

- BWD High Pressure Oil Pump Enhancements
- Advanced Electronics
- Improved Performance

The original B&W high pressure oil pump is prone to failure due to a lack of lubrication. The problem, wherein the oil is designed in such a way that an internal oil filter can easily become occluded.

**Upward Trend in Turbocharger Coverage**

- Vehicle manufacturers are adding turbochargers to a double-digit rate.
- Diesel passenger cars can fit in the new category of turbocharged, gasoline powered vehicle sales as well.
- B&W turbochargers are engineered to meetveal fuel and emissions standards. Turbochargers improve performance and fuel economy up to 40%.

**Refurbishment with a Reliability Promise**

- Our extensive research has led to improved component designs which will lead us to compete in this market. Our coverage for Chevrolet/GMC, Ford/International Powerstroke, Dodge/Sprinter, Dodge/Cummins, and Isuzu Motors will be expanded to include new applications for 6.7L Duramax, 6.5L Cummins, 7.3L, 4.5L-6.7L, 6.2L-8.1L, 6.4L-8.2L Ford, 6.8L-8.2L Dodge/Cummins, and 6.4L-8.2L Isuzu.

**OEM Quality & Durability**

- More than 8 million turbocharged vehicles are on the road today.
- In the next 5 years, exports are expected to grow significantly over the previous year.
- BWD's turbo coverage will be skyrocketing.

**Down-Stream & Up-Stream Solution Partners**

- **2014** is calling for maximum quality and durability.
- The result is a curriculum of relevant and award-winning training resources to help today's technicians be more successful.

**Award-Winning Training for Today’s Diesel Technicians**

- The expertise, thoroughness, and professionalism that goes into the design and manufacture of diesel equipment is passed on to our instructors.
- Our instructors have been trained by industry technical Master Trainers for the system and are certified for Duramax, Isuzu, Cummins, and Isuzu/Cummins platforms.

**BWD’s Plan to Lead the Diesel Market**

- To account for the burgeoning diesel market, BWD® has fully invested in diesel. Today, BWD® offers numerous parts in classes of heavy duty diesel; single-mass flywheels; alternators; and more. A total investment in turbochargers and those in addition to Inline/Rotary Style, CRI, HEUI, and Bosch®.

**BWD Diesel’s Remanufacturing Extends to its Training**

- Award-winning seminars are taught by industry experts.
- The expertise, thoroughness, and professionalism that goes into BWD®’s remanufacturing extends to its training.

**BWD®’s Remanufacturing Extends to its Training**

- Our instructors have been trained by industry technical Master Trainers for the system and are certified for Duramax, Isuzu, Cummins, and Isuzu/Cummins platforms.

**Vehicle MPG the Next Global Transportation Fuel**

- Compared to gasoline, Diesel has 20-40% better fuel economy and 10-20% fewer emissions.
- High-quality diesel blends, emissions are even lower. That’s one of the reasons why industry experts see it as the fuel of the future.
- The International Energy Agency predicts diesel will maintain its “dominant global lead” through 2050. Considering these positive forecasts, it is no surprise OEMs are expanding their use of Clean Diesel engines.

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**DIESEL FORCE® Has Fully Invested in Diesel**

- BWD® is committed to providing the finest diesel fuel injector available.
- Check out “Anatomy of BWD® Diesel’s Remanufacturing Extends to its Training” inside this brochure.