

jGun, silencer: quiet, reliable torque for Weller Truck Parts

HYTORC

Grand Rapids, Michigan-based Weller Truck Parts — one of the largest engine transmission repair and remanufacturing centers in the heavy truck industry — had been working on a solution for more than a year. The company wanted to make its workplace environment quieter and safer for its employees while providing a higher-quality, more reliable product for its customers. They found their answer when joining in an unsurpassed partnership with innovative industry leader, HYTORC.

Weller employees routinely using impact guns in the assembling and disassembling of transmission gears had pushed the plant's decibel levels to unbearable limits.

“When HYTORC took its first walk-through of the room to identify the issues and create a solution, we had to take breaks because it was so loud,” said Don Elliott, HYTORC territory manager for the State of Michigan.

For Elliott, the solution was simple: Provide Weller Truck Parts with the jGun and silencer kit. At the time of the kit's initial demonstration, owner Jack Weller didn't hear the original introduction and was waiting for the demo to start. In fact, the presentation had already finished. When they ran through the demo again, he was immediately convinced the jGun and silencer were right for Weller Truck Parts.

Weller partner Jasper Engines is a member of the Occupational Safety & Health Administration's (OSHA) Voluntary Protection Program (VPP). VPP promotes effective worksite-based safety and health. VPP members, management, labor representatives and OSHA establish cooperative relationships at workplaces that have implemented a comprehensive safety and health management system. Approval into VPP is OSHA's official recognition of the outstanding efforts of employers and employees who have achieved exemplary occupational safety and health practices.

The partnership between Jasper and Weller is mutually beneficial if Weller makes improvements to safety, which this setup does allow, Elliott said.

“To work with a customer who is centric on safety and quality and is aligned with HYTORC's core values makes an enjoyable sales experience,” Elliott said. “Weller is concerned about what we're concerned about. I have an 18-year background in automotive bolting so it was very easy to deliver what Weller needed through HYTORC's exceptionally safe and quality products.”

HYTORC needed to provide a solution to control the noise pollution and reduce work-related hand and back injuries, but

just as importantly it needed to provide accurate torque value when removing and assembling ring gear assemblies with needle bearings. With impact guns, the torque value was unknown.

But with the jGun, workers can provide enough torque to make the bearings seat

properly without over-torquing. Once the torque value is determined, torque pressure can be set for future uses.

“Before it was a best guess,” Elliott said. “This eliminates operator error — a worker determining what they think the torque is at.”

Having proper torque value has reduced warranty claims due to inconsistent torque applied to assembly nuts and parts breaking due to over-torquing.

For more information, email info@hytorc.com or call (800) FOR-HYTORC [367-4986]. ●

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