



TEESING

WE ENGINEER
FROM SOURCE
TO PROCESS

LEAK TESTING

LEAKAGE TESTING WITHIN SECONDS

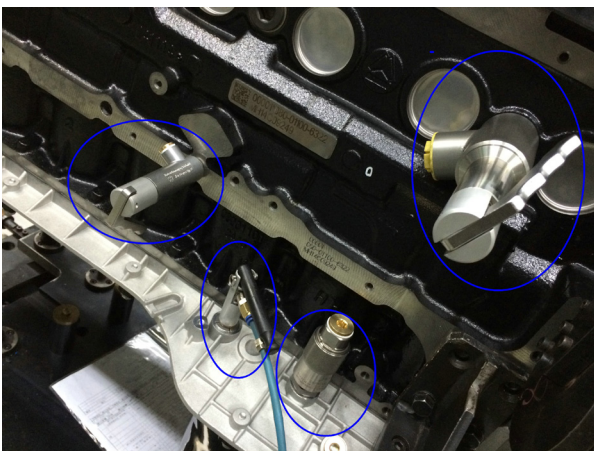
APPLICATION

A large Chinese manufacturer of motor powered load carries (a Sinotruck Group Engine Company) faced the challenge of testing the engines on leakage before the end of the production line. Car makers all over the world have begun to master a key step in automobile manufacturing: quality control. In any industry, quality control is a process that's used to insure that a product is free from bugs, operational issues and any number of other problems you can think of. In auto manufacturing, that means cars go through rigorous testing to make sure they're well-engineered, safe and comfortable.

CONTINUOUS ASSEMBLY PROCESS

In order to ensure the quality of the engine and a continuous assembly process, the use of WEH connectors are indispensable. If the leakage examination failed, the engine is rejected and will go back in the process of examination. The strict procedure is to avoid product recalls, which cause considerable financial consequences.

HOW TO TEST ENGINES FASTER



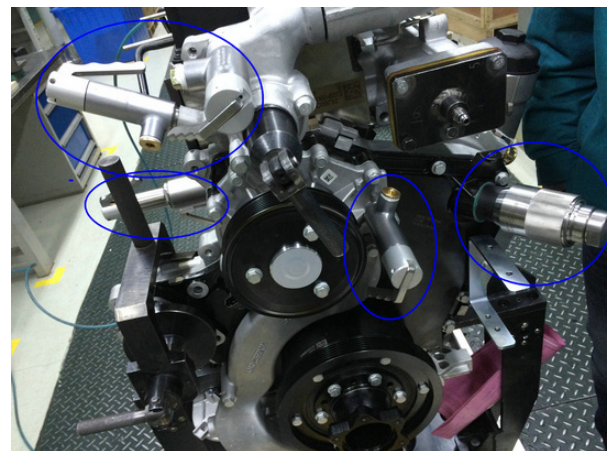
PRODUCTS USED

TW800G, TW17H, TW800B, TW230.

In the past they screwed a plug on the thread connection of the engine manually but this resulted often in leakage and is a time consuming operation. With the connectors a reliable pressure-tight connection is created in seconds and is easy to operate. The production time goes down resulting in cost savings and process optimisation.

FOR EVERY CONNECTION A SOLUTION

The WEH connectors have been successfully used globally in many engine test facilities. Laborious screwing and unscrewing of tubes, hoses and other components are eliminated as well as improving connections to testing devices. Connection of fuel lines at engine test benches for hot and cold tests as well as for pressure and function tests.



PRESSURE TIGHT CONNECTIONS IN SECONDS

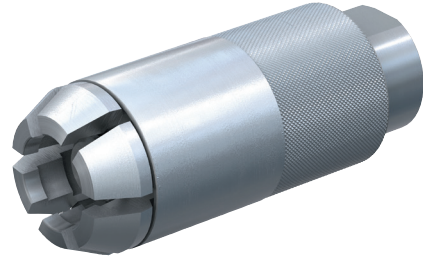
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WEH CONNECTORS

The connectors are simply placed onto/over/into the inlet of the test piece. Labor intensive screwing onto the thread connection is no longer necessary. For the people working in the factory this leads to less physical complaints that are often the result of frequent repetitive operations. Complex testing devices are a thing of the past. Teesing can not only give you technical advice about your application but we can deliver a complete assembly of tubing, couplings and connectors.

BENEFITS

- Pressure tight connection in seconds
- No hand tightening needed
- Jaw locking mechanism
- High-grade materials
- Special version possible
- Ergonomic design
- Different actuations available
- Automation possible
- Testing devices are eliminated
- Minimum wear and tear
- Easy maintenance



TW800 test connector

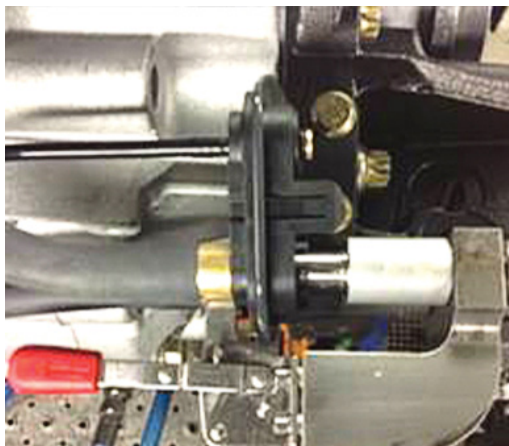


TW17 test connector

RELATED CUSTOMER STORY

DAF TRUCKS N.V., EINDHOVEN

TESTCONNECTORS FOR ENGINES



→ **Jarne Gabel**, Process Engineer

“Teesing helps DAF to simplify the testing of engines and accelerate the whole process by advising and developing the right connectors”.

DAF Trucks has a production facility in Eindhoven, the Netherlands and in Westerlo in Belgium. Thanks to its high efficiency and the world class manufacturing and products, the company has established a strong competitive position on the European market. WEH connectors save us a considerable amount of time while testing our engines.

Together with Teesing, the connectors are custom made for specific connections, pressure and surrounding.

DAF
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TEESING

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