

# FIVA retrofit

Everllence PrimeServ offers the FIVA retrofit solution to convert existing CWAT electronic valves to Everllence electronic valves. This upgrade includes updated technology, increased component lifetime, and reduced maintenance costs.

## FIVA, ELFI, and ELVA

The FIVA (fuel injection valve actuation), ELFI (electronic fuel injection) and ELVA (electronic valve actuation) valves are an essential part of the ME engine to ensure optimal running performance. The electronic valves are high-precision units which controls either the fuel injection, the exhaust valve actuation or both.

In this way, the electronic valves serve the same function on an electronically controlled ME engine as the camshaft on a mechanically controlled MC engine.

## Curtiss-Wright electronic valves

Curtiss-Wright (CWAT) has ceased their production of electronic valves, so it is no longer possible to purchase new CWAT electronic valves.

Everllence PrimeServ has stopped the overhauling support of CWAT electronic valves. Therefore, Everllence PrimeServ recommends a retrofit solution where we convert existing CWAT electronic valves to electronic valves.

## Retrofit to electronic valves

Everllence PrimeServ offers and recommends a retrofit solution to electronic valves.

This is a long-term solution that includes the latest technology and ensures safety for the future as Everllence offers brand new electronic valves as well as overhauling of existing electronic valves.

Retrofit to FIVA is a standard solution while retrofit to ELFI and ELVA is a custom made solution to fit the HCU-blck.

Please contact your Everllence PrimeServ office for more details.

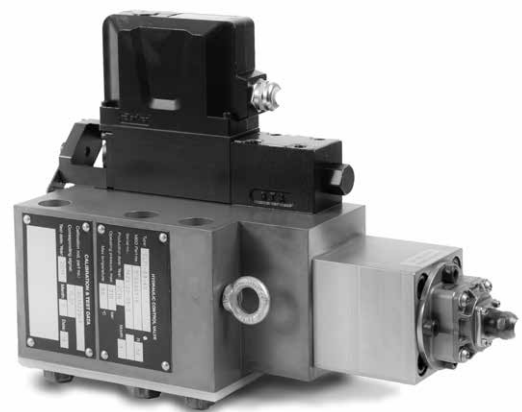


Figure 1: FIVA (fuel injection valve actuation)

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Retrofit from Curtiss-Wright FIVA to FIVA

## Key benefits

- Up-to-date technology and design
- Increased lifetime
- Factory overhaul
- FIVA spares guaranteed
- Worldwide service of FIVA valves
- Reduced maintenance costs

## Scope of supply

- Complete FIVA valves including proportional valves and inductive sensor
- New cables to CCU including junction box between CCU and FIVA valve

## More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

## Applicable to

All Everllence B&W ME/ME-C/ME-B engines

## Everllence PrimeServ

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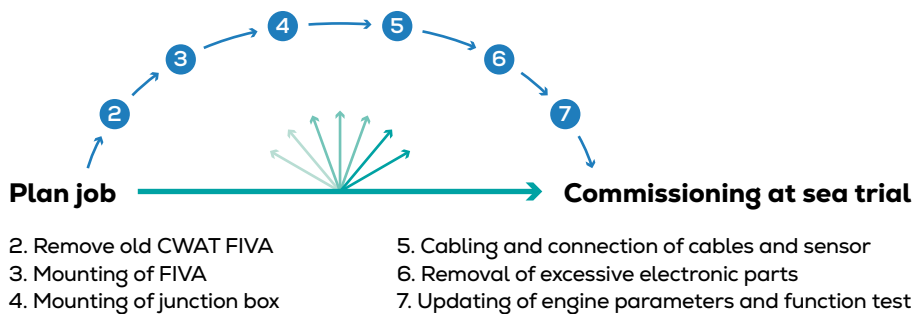


Figure 2: Process FIVA Retrofit