

EPS 200

Hose of test connection for injected fuel quantity ruptures when checking common rail injectors

Affects:

EPS 200 up to date of manufacture FD 2012-08

Error:

The hose of the test connection for the injected fuel quantity (circle) ruptures during checking.

Cause:

If common rail injectors are checked too often at short intervals, the influence of the heat from the injectors is so great that the polyamide hose becomes soft and ruptures.

Remedy:

As of September 2012 a new rubber hose (Fig. 1, Pos. 2) is being used for the test connection for the injected fuel quantity. The new rubber hose is less susceptible to pressure and heat than the polyamide hose previously used (Fig. 1, Pos. 1).

 The hose of the test connection for the return quantity is not affected by this modification.

In conjunction with this conversion work, the two strainer holders (Fig. 2) have also been modified.

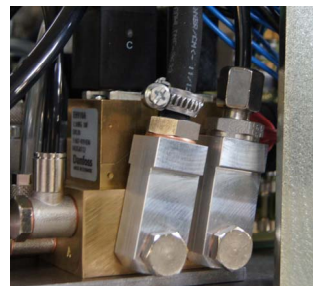
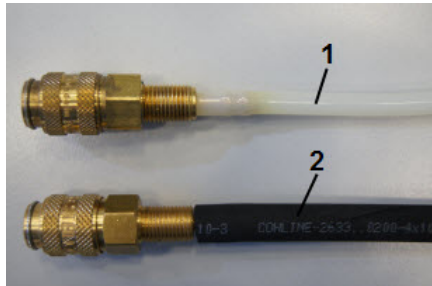
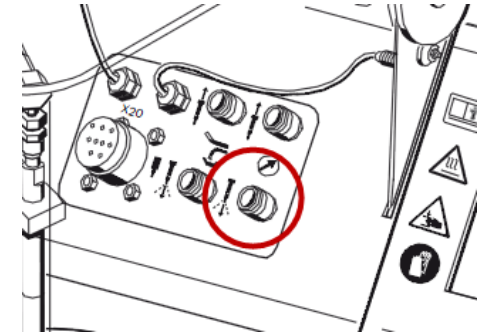


Fig. 1: Test connection with hose Fig. 2: New strainer holders Fig. 3: Old strainer holders

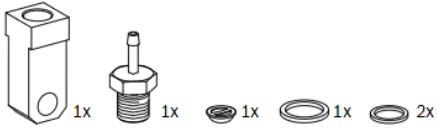
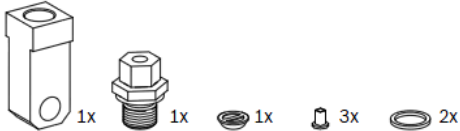
New replacement part concept:

- The old strainer holder 1 687 001 880 (Fig. 3) is no longer available as a replacement part. It is being replaced by the strainer holder 1 687 010 383 (left side) and the strainer holder 1 687 010 384 (right side).
- The hose 1 680 712 296 (Fig. 1, Pos. 1) is no longer available as a replacement part. If a hose ruptures, the polyamide hose concerned must be replaced by the rubber hose 1 680 712 346.

Remedy for EPS 200 in the field:

! Combined use of the old and new strainer holders is not permissible.

If a hose ruptures on an EPS 200 manufactured up to FD 2012-08 or strainer holder replacement is required, use must be made of the new rubber hose and the new strainer holders in future. The new rubber hose and the two new strainer holders (right side and left side) are listed as replacement parts. The following three items have to be ordered for conversion purposes.

Designation	Order number	Content	Remarks
Rubber hose	1 680 712 346	1x Rubber hose (0.7 m) 2x Hose clamp	
Left strainer holder	1 687 010 383		Refer to conversion instructions 1 689 978 593
Right strainer holder	1 687 010 384		Refer to conversion instructions 1 689 978 593