



# KL1 Auxiliary Diesel Fuel Tap

**Sprinter Engineering & Compliance**

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## Disclaimer

The specifications, descriptions, information, and recommendations contained in this bulletin are believed to be accurate as of Jan 1<sup>st</sup>, 2010.

Sprinter Engineering & Compliance reserves the right to modify or append this document without prior notification.

This bulletin is not intended as a work instruction, but as an aid for Body Builders to provide technical information necessary to retrofit or modify Mercedes-Benz Sprinters & Freightliner Sprinters (906).

Prior to making any modification to or installing any equipment in or on a Mercedes-Benz Sprinter & Freightliner Sprinter, please check with Sprinter Engineering & Compliance for additional and updated information, and read the Sprinter Body Builder Information Book Model Series 906.

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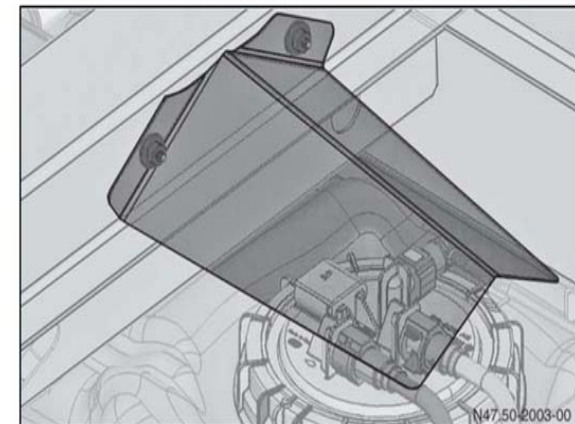


## KL1 Auxiliary Diesel Fuel Tap (standard equipment)

The fuel gauge sensor is fitted with an additional fuel connection to facilitate retrofitting of a fuel-powered auxiliary heater and/or generator. The fuel tank can be consumed down to approx. 5 gal.

The following must be observed for all work on the fuel system

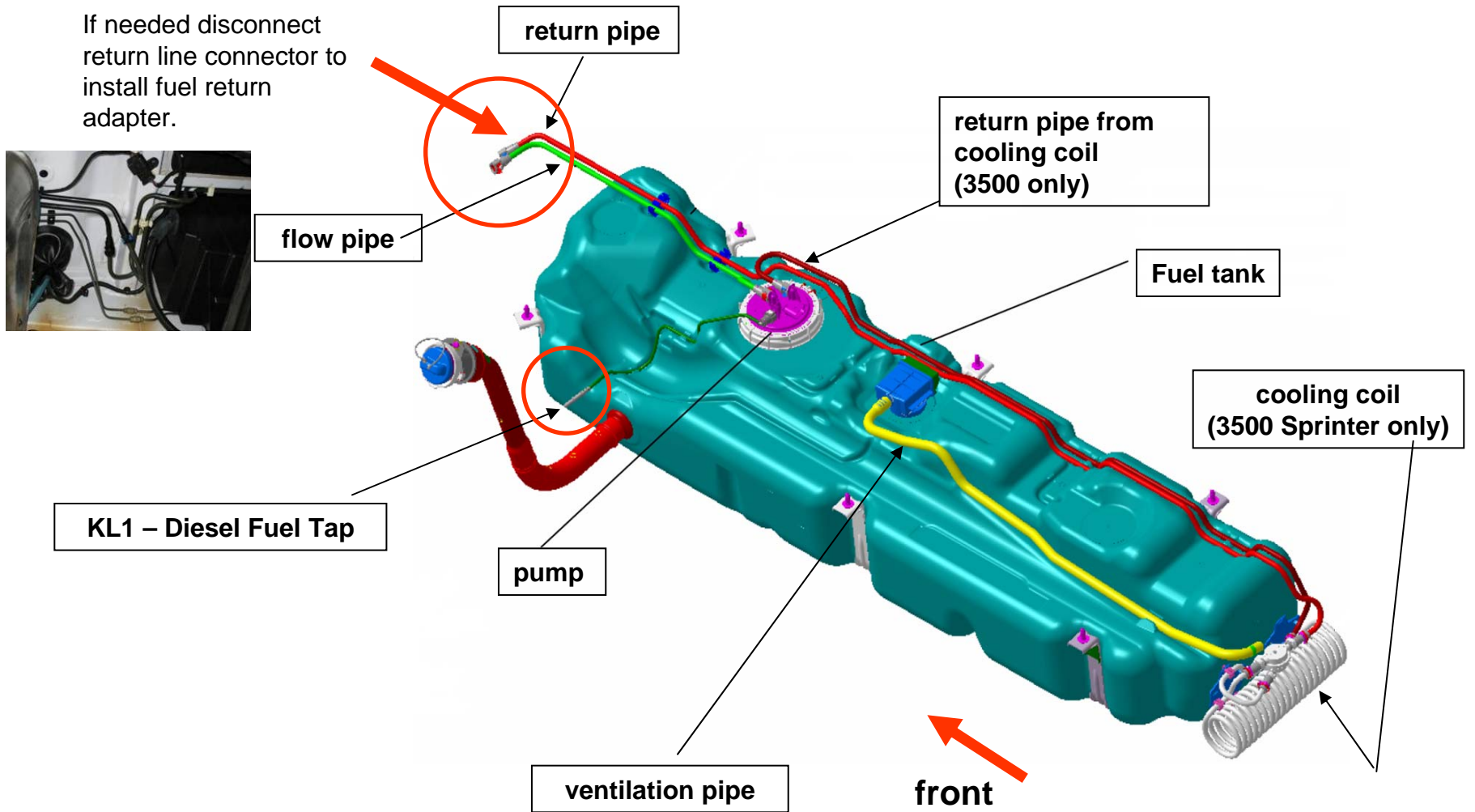
- The installation of heat-conducting components, or of components that restrict the installation space, is not permitted.
- On no account should modifications be made to the fuel pump, fuel line length or fuel line routing. Modifications to these components will impair engine operation since these components are matched to each other.
- Modifications and attachments (e.g. additional eyelets) are not permitted in the vicinity of the fuel filler neck.
- No sharp edges permitted
- The fuel tank must not be subjected to load in the event of an impact. Deflection plates must be fitted if necessary
- Fuel lines must be secured
- Exhaust fumes must not be directed into the vehicle interior



**Deflection plates**



## Diesel Fuel System 26.4 gal / 100L





## KL1 Fuel Tap Location



View from underneath without  
a fuel fired heater.

Picture shows a cap which can be  
removed. Connector piece is  $\varnothing$  7.89mm

Aftermarket quick connects have to be compatible with  
SAEJ2044 specified tube endforms

Top view shows the fuel pump unit  
on a Chassis cab.

For Quick Connector information, contact:  
Cooper-Standard Automotive Fluid Systems  
2110 Executive Hills Court  
Auburn Hills, MI 48326 USA

Phone: 001-248-836-9400

Fax: 001-248-836-9116

[www.cooperstandard.com](http://www.cooperstandard.com)

Cooper Standard Quick Connects



## Fuel Tap Schematics

