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## EVO: Oiling & Lubrication - Sub-04H

### Pics and Information on 2010-2013 Sportster Oil Tanks

See also in the Sportsterpedia;

..... [\\*1986-Up Oil Line Routing](#)

..... [\\*Pics and Information on stock EVO Battery Trays and Parts](#)

Click on any pic below to enlarge:

In 2010 they revised the oil tank again (62954-10), AND the electrical junction block (to better protect it from moisture).

They also moved the ECM from under the seat to behind the rear jug.

A 10 psi pressure relief valve was installed in the top of the tank. <sup>1)</sup>

If the vent line / vent tube is pinched or restricted, tank overfilled etc., excessive pressure is created in the oil tank.

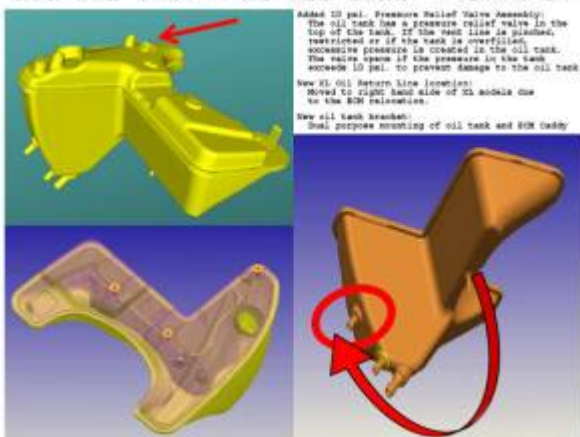
The valve opens if the pressure in the tank exceeds 10 psi to prevent damage to the oil tank.

The oil return line was also relocated to right hand side of XL models due to the ECM relocation.

It could also be speculated that the return line was relocated to place it farther away from the tank vent line.

2010-2013 Oil Tank (62954-10), all models except XR1200/XR1200X.

#### New For 2010 - XL Oil Tank - 62954-10



2)



2010-2013 Oil Tank Cover. 6)



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1)  
CBAS5 of the XLFORUM  
<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-suspension-frame-forks-handlebars-fuel-tank-oil-tank-fenders/146231-ka-boom-oil-tank/page3?t=1587844&highlight=62954-10&page=3>

2) 3) 4) 5)  
photo by ofaloto.tupi of the XLFORUM  
<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-general-discussion-and-problems/197270-replacing-oil-tank#post4316260>

6)  
photos by H48D of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-general-discussion-and-problems/110248-chrome-trim-ring-on-oil-tank?t=1032759>

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