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IH: Body Parts

FUEL TANKS

----- **ALSO CHECK OUT THE TANKS IN THE GAS TANK GALLERY** -----

Fuel Cap

- All 1983 XL/FXR models produced after VIN (1HD1CCH17DY113282) and FL/FX models produced after VIN (1HD1AKK16DY011657) use a new low pressure fuel tank cap. The vent relief pressure has been reduced on the screw type fuel caps by utilizing a softer spring. ¹⁾
- The low pressure cap was suggested for use on any 1982 FXR/FXRS or any early build 1983 model, except FLT/FLHT, produced before the above VINs that experiences a lean condition (carburetor spit, poor performance or surging). which should eliminate the problem. No labor was be paid to the dealer for changing out the caps upon servicing.
 - The new low pressure cap (61060-82A)for FXR/FXRS can be identified while viewing the inside as having 4 veins (or spokes) instead of 8 with the high pressure cap (61060-82).
 - For all other models, the new low pressure cap (61102-83A) can be identified by pressing down on the relief vent with a pencil, pen etc. The low pressure cap has a weaker spring than the high pressure cap (61102-83) beneath the relief vent in the center and the difference in spring pressure can be felt.

Petcock (or Fuel Outlet)

Petcock Changes Per Year ^{2) 3) 4) 5) 6) 7) 8) 9) 10) 11) 12) 13) 14) 15)}		
1952-1956 All K Models	62125-50	Fuel valve assembly, wingnut handle, vertical outlet, no reserve
1958 XLC 1958-1961 XLCH	61601-54	Strainer (only) with a 45° fuel outlet - no valve
1962-1964 XLCH	61601-62	Strainer (only) with a vertical fuel outlet - no valve
1957-1968 XL/XLH 1965-1968 XLCH	62125-55	Fuel valve assembly, wingnut handle, vertical fuel outlet, no reserve
1969-1974 XL/XLH	62125-55B	Fuel valve assembly, wingnut handle, vertical outlet, no reserve Retrofit to 57-74 XL/XLH, 65-74 XLCH ¹⁶⁾
1975 XLH/XLCH	62160-75 ¹⁷⁾	Fuel valve assembly, single pull handle, vertical fuel outlet, no reserve
E1976 XLH/XLCH	62163-75 ¹⁸⁾	Fuel valve assembly, single pull handle, vertical fuel outlet using Bendix carb, no reserve, ¹⁹⁾ Retrofit to 75 models ²⁰⁾

Petcock Changes Per Year ^{2) 3) 4) 5) 6) 7) 8) 9) 10) 11) 12) 13) 14) 15)}		
L1976-1980 XLH/XLCH/XLS	62164-76	Fuel valve assembly, single pull handle, horizontal fuel outlet using Keihin carb, no reserve ²¹⁾
1980 XLS	62165-77	Fuel valve assembly, single pull handle, horizontal fuel outlet, no reserve
1981-1985 XLS 1984-1985 XLH	62167-81	Fuel valve assembly, single pull handle, horizontal fuel outlet with reserve tube
1981-1983 XLH 1983-1985 XLX	62169-81	These two part numbers were available for parts order for 81-85 XLH or XLS
1958 XLC / 1958-1961 XLCH Fuel Tank Strainer (61601-54) ^{22) 23)}		1962-1964 XLCH Fuel Strainer (61601-62) ²⁴⁾
<p>1958 - 1961 XLCH Gas Tank Strainer (61601-54)</p>		<p>1962-1964 XLCH Gas Tank Strainer (61601-62)</p>

Inspection

You can inspect the screen / filter with a flashlight thru the filler hole in the top of the tank to determine if it needs cleaning or repair.

If the filter is OK, you can inspect / rebuild the petcock without uninstalling it from the fuel tank. ²⁵⁾

Mounting Brackets

Below is a “U” shaped bracket used on 1982 XLS and E1983 XL models.

There were two different part numbers for the bracket (82 XLS 61036-82 and E83 XL 61036-82A).

The only visual difference appears to be the inside weld of the rubber mount stud.

However, either part number will work for these models.



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1)

HD Service Bulletin #M-859 dated October 29, 1982

2)

1952-1957 HD Spare Parts Catalog for all Sportster and K Models pg 48

3)

1952-1959 HD Spare Parts Catalog for all Sportsters and K Models pg 60

4)

1953-1963 HD Parts Catalog for Sportsters and KH Models pg 67

5)

1964 HD Parts Catalog Supplement for Sportster and KH Models

6)

1957-1965 Sportster / KH Model Parts Catalog pg 68

7)

1957-1967 Sportster / KH Model Parts Catalog pg 71

8) 16) 20)

1954-1976 HD Sportster Parts Catalog pg 115

9)

1979 HD Sportster Parts Catalog pg 65

10)

1979-1980 HD Sportster Parts Catalog pg 73

11)

1979-1981 HD Sportster Parts Catalog pg 87

12)

1979-1982 HD Sportster Parts Catalog pg 95

13)

1979-1983 HD Sportster Parts Catalog pg 93

14)

1979-1984 HD Sportster Parts Catalog pg 99

15)

1979-1985 HD Sportster Parts Catalog pg 103

17)

1975 HD Sportster Parts Catalog Supplement

18)

1976 HD Sportster Parts Catalog Supplement

19) 21)

1954-1978 HD Sportster Parts Catalog Supplement

22)

left photo courtesy of Flashback Enterprises in Imlay City, MI, [Link to Ebay Store](#)

23)

center photo by scoobydo of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/109721-1959-xlch-replica?t=1023743&highlight=fuel+strainer+xlch>

24)

photo courtesy of Ebay, member85ur [Link to Ebay Store](#)

25)

IronMick of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/145874-dismantle-and-inspect-the-petcock?t=1583571>

26) 27)

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