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IH: Carburetor, Intake Manifold & Exhaust - Sub-01A

Linkert Carb Identification

See also in the Sportsterpedia:

- [Linkert Carb Basic Information](#)
- [Rebuilding the Linkert Carb](#)
- [Linkert Carb Functions, Adjustments, Tuning](#)

Linkert Carbs by Serial / Model Number

Carburetor Serial# or Carb Model#	Year Model Sportster
Linkert DC (27155-57) was the first Sportster carburetor then replaced with (27155-57A) both introduced for 1957-1959 Sportsters ¹⁾	
DC-1	1957-1958 Sportster Early Style ²⁾
DC-1L	1959-1960 Sportster ³⁾
DC-1M	1959-1960 Military XLA Sportster ⁴⁾
DC-2	1959-65 Servicar (smaller venturi, opposite float bowl) ⁵⁾
DC-6	1961 Sportster XLH and XLCH ⁶⁾
DC-7	1966 Big-Twin FL and FLH (larger venturi) ⁷⁾
DC-10	1962 and mid-63 Sportster XLH and XLCH ⁸⁾
DC-12	1966 Big-Twin FL and FLH mid-1963 1964 1965 Sportster XLH and XLCH ⁹⁾

Linkert DC Pics

E65 uses DC-12. L65 uses DC-6. ¹⁰⁾

Here's the early 1957 DC-1 Linkert without idle airbleed.
It can be spotted by the short brass tube on the side of the body while later versions have a taller tube.

It also has a fitting to connect to the idle air passage hole visible in the picture above the short tube. Other identifiers for 57 are no patent dates on the float bowl with a 90° elbow fuel inlet and no idle air bleed. ¹¹⁾



¹²⁾



Linkert DC-11 ¹³⁾



Linkert DC-11 ¹⁴⁾



Linkert DC-11 ¹⁵⁾



Linkert DC-11 ¹⁶⁾

Linkert DC Mods



Linkage modified for usage with "snap" throttle ¹⁷⁾

Links to Carb Diagrams and Parts

- [Linkert Carbs.com](#)
- [Into The Wilderness Trading](#)
- [Demons Cycle website of useful manuals](#)

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1)

1952-1959 HD Spare Parts Catalog pg 16

2) 3) 4) 5) 6) 7) 8) 9)

<http://www.classic-motorcycle-build.com/linkert-dc-carb.html>

10)

Dr Dick of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/173171-1965-xlh-restoration-questions/page2?t=1858714&page=2>

11)

mrmom9r of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/158853-1957-sportster-project/page6?t=1701125&page=6>

12)

photo by mrmom9r of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/166320-need-pics-of-carbs?t=1786621>

13) 14) 15) 16)

Photos courtesy of xlh59 of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/178060-linkert-dc-11-race-help>

[needed/page2?t=1914726&page=2](#)

17)

photo courtesy of thefrenchowl of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/186391-linkert-dc-mods-pull-throttle-choke-performance?t=1993187&highlight=linkert>

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