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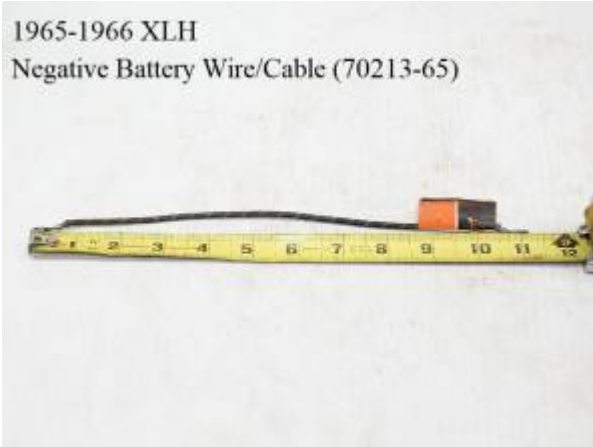
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IH: Electrical System - Sub-02N

Pics and Information on stock IH Batteries and Wiring

1965-1966 XLH

- **Battery**, (2) small 6 volt batteries (66001-61A) were wired in series to make 12 volts.
- **Positive Battery Cable**
 - Interconnecting cable between the two batteries (70033-63).
 - Battery to regulator (70245-65).
- **Negative Battery Cable** (70213-65).

1965-1966 XLH positive battery wire. ¹⁾	1965-1966 XLH negative battery wire. ²⁾
<p>1965-1966 XLH Positive Battery Cable (70245-65)</p> 	<p>1965-1966 XLH Negative Battery Wire/Cable (70213-65)</p> 

1967-1978 XLH

- **Battery**
 - 1967 XLH (66006-65), single large 12 volt battery.
 - 1968-1978 XLH (66006-65A) single large 12 volt battery.
- **Positive Battery Cable**
 - 1967-E1975 XLH
 - Battery (+) to starter solenoid (70069-65A).

- L1975-1976 XLH
 - Battery (+) to starter solenoid (70097-75).
- 1977 XLH
 - Battery (+) to starter solenoid (70097-75).
- 1978 XLH
 - Battery (+) (70174-78).
- **Negative Battery Cable**
 - 1967-1972 XLH (70235-67).
 - 1973-1978 XLH (70235-67A).
- V-Twin Manufacturing (2012472): flat braided ground strap, 9.5" long, (replaces HD 70235-67A), 4 gauge, 17/64" and 11/32" hole sizes on heat shielded terminal ends. ³⁾

1978 XL/XLH Positive Battery Cable (70174-78) ⁴⁾

1978 XL/XLH Positive Battery Cable (70174-78)

1973-1978 XLH battery ground strap (70235-67A) ⁵⁾1973-1978 XLH
Battery Ground Strap (70235-67A)

1970-1978 XLCH

- **Battery** (66006-70), single small 12 volt battery
- **Positive Battery Cable**
 - 1970-1972 had no part# for the positive cable. The (+) wire was installed as part of the circuit breaker part#.
 - 1973-1977 XLCH
 - Battery (+) to regulator B+ (70029-73).
 - Battery (+) to main circuit breaker on 1977-1978 has no part number.
 - 1978 XLCH
 - Battery (+) to regulator B+ (70029-78).
- **Negative Battery Cable**
 - 1970-E1978 XLCH (70295-70).
 - L1978 XLCH (70295-78).

Note: 1977-1978 factory wiring diagrams for both XL and XLCH show a second wire from the battery (+) to a main circuit breaker.

The main breaker (74599-77), later changed to (74599-77A), did not come with wires.

And it is only shown in the parts books for 1978 XL, XLCH.

The wire on the FSM diagrams does not have a part number in the parts books nor is it mentioned in

them.

<p>1970-E1978 XLCH negative battery cable. ⁶⁾</p> 	<p>L1978 XLCH negative battery cable. ⁷⁾</p> 
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1979-1985 XL/XLCH/XLS/XLX

- **Battery**, single large 12 volt battery with 10mm post screws.
 - 1979-1980 XL/XLCH/XLS (65991-75B)
 - 1981 XL/XLS (65991-75C)
 - 1982-1985 XL/XLS/XLX (65991-82)
- **Positive Battery Cable**
 - 1979-1982 XL/XLCH/XLS battery (+) to circuit breaker (70129-79)
 - 1983-1985 XL/XLS/XLX battery (+) to circuit breaker (70129-79A)
 - 1979-1980 XL/XLS battery (+) to starter solenoid (70097-75)
 - 1981 XL/XLS battery (+) to starter solenoid (69628-75) ⁸⁾
 - E1982 XL/XLS battery (+) to starter solenoid (70069-65A)
 - L1982-1985 XL/XLS battery (+) to starter solenoid (70083-82)
- **Negative battery Cable**
 - E1979 XLCH (70161-79)
 - 1981-1985 XL/XLH/XLS/XLX (70011-81)

<p>1979-1982 XL/XLCH/XLS battery (+) to circuit breaker (70129-79) ⁹⁾</p> 	<p>1983-1985 XL/XLS/XLX battery (+) to circuit breaker wire (70129-79A) ¹⁰⁾</p> 
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E1979 XLCH Battery Ground Cable (70161-79) ¹¹⁾

1981-1985 XL/XLS/XLX Battery Ground Cable ¹²⁾



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2)

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3)

<https://www.denniskirk.com/v-twin-manufacturing/flat-braided-9-1-2-in-negative-battery-cable-70235-67a.p2012472.prd/2012472.sku>

4) 7)

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1985 Sportster Parts Catalog (-85) pg 125

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