Table of Contents

| IH: Engine Control | 3 |
|--------------------|-----|
| Kick Starter | . 3 |
| Sub-Documents | 3 |

Last update: 2023/12/31 18:22

http://sportsterpedia.com/ Printed on 2025/10/11 00:32

2025/10/11 00:32 3/5 IH: Engine Control



IH: Engine Control

Kick Starter

Sub-Documents

- * . . . 1968 Kicker Cover Roll Pin Repair
- * . . . 1977-1978 Kicker Cover Damage Repair
 - Starting July 1, 1973, there was a new design with a kick starter ratchet gear, bushing and spacer. The new 'pressed in' bushing has a Teflon coated lead bearing surface on a steel ball shell. The gear has a groove for the starter gear spring and the spacer length (and diameter) were increased to fit the new gear. ¹⁾
 - The new ratchet gear assembly w / Teflon bushing was recommended for part replacement on all models built previous to July 1, 1973. However, these parts will not interchange with the old part numbers individually so the full replacement kit is recommended as an assembly. 2)

| Starter Gear Ratchet Kits 3) 4) | | | | | | | |
|---|-------------|--|----------|--|--|--|--|
| Starter Ratchet Gear w/ Teflon bushing (33432-73) and Clutch Sprock (37754-74) Earlier Also includes a replacement ratchet (33379-57) with a larger I.D. for targer gear bushing and 12 rivets, 5/32"x13/16"x9/32" Dia. (8215) | | | | | | | |
| 33460-74 - 1971 & I | 21 0 r | Ratchet Gear Assy. w / Teflon bushing (33432-73) and Clutch Sprocket 37754-74) | | | | | |
| Starter Ratchet Gear and Bushing | | | | | | | |
| 1957 - Early 1973 | XL/XLH/XLCH | Starter Ratchet Gear Assy. w / bronze bushing 5) | 33432-57 | | | | |
| 1957 - Early 1973 | XL/XLH/XLCH | Starter Ratchet Gear (bronze) Bushing (only) 6) | 33442-57 | | | | |
| Late 1973 and later | XLCH | Starter Ratchet Gear Assy. w / Teflon coated steel bushing 7) | 33432-73 | | | | |
| Late 1973 and later XLCH | | Starter Ratchet Gear (Teflon coated steel) Bushing (only) 8) 3 | | | | | |

| Clutch Sprock | cet Spacer | Length | Outside Diameter | |
|----------------|-------------|-------------------------|------------------|---------|
| | | 37755-57 ⁹⁾ | 1.047" | 1.3585" |
| | | 37756-57 ¹⁰⁾ | 1.025" | 1.3585" |
| | | 37755-71 ¹¹⁾ | 1.143" | 1.3585" |
| | | 37756-71 ¹²⁾ | 1.121" | 1.3585" |
| 1957-1970 | XL/XLH/XLCH | 37754-74 ¹³⁾ | 1.047" | 1.3715" |
| 1967 and later | XLH | 37753-76 ¹⁴⁾ | | |
| 1971 and later | XLCH | 37755-73 ¹⁵⁾ | 1.153" | 1.3715" |

Last update: 2023/12/31 18:22

You can put a kick starter on a E1980 Sportster if it has a late production 79 motor. ¹⁶⁾
A kick start kit was available for parts order in the -80 parts catalog for 79-80 model XLs. ¹⁷⁾
The same kit was available in the -81 parts book but it was only sold for 1979 models. ¹⁸⁾
It's not clear if the same E79 parts were used in the kit or how far back it would retro but the 79-up parts books do not cover previous models.

Some early production 1980 models had the same plug hole and bushing for the kicker shaft as the 79 models had. ¹⁹⁾

We have confirmation of an early 1980 case with crankcase# (780 347 084), machined December 13, 1979 does have the hole for the kicker. ²⁰⁾

Some 1980 models came with a 1979 engine with 1980 numbers that match the H9 frame - (1979). So it all depends on if you have a left over production 1979 engine installed.

Kick Start Kit

1979-E1980 33058-79

1968-E1980 kicker hole plug.



Go To Technical Menu

```
1) , 2) , 3) , 5) , 6) , 7) , 8) , 9) , 10) , 11) , 12)

HD Service Bulletin #618C as updated December 17, 1974
4) , 13) , 14) , 15)

1954-1976 HD Sportster Parts Catalog pg 41
16) , 19)

Hapster of the XLFORUM
17)

1979-1980 HD Parts Catalog (99451-80) pg 29
18)

1979-1981 HD Parts Catalog (99451-81) pg 29
20)
```

OutlawTexan67 of the XLFORUM

https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-s

http://sportsterpedia.com/

2025/10/11 00:32 5/5 IH: Engine Control

pecific/ironhead-sportster-motorcycle-talk-1957-1985/28444-kicker-for-1980-ironhead/page3?t=47136&page=3 211

photos by 74_XLH_WINCHESTER_VA of the XLFORUM, combined by Hippysmack, https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/90145-kicker-install-on-a-74-xlh?threadid=727978

From:

http://sportsterpedia.com/ - Sportsterpedia

Permanent link:

http://sportsterpedia.com/doku.php/techtalk:ih:engctl03

Last update: 2023/12/31 18:22

