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EVO: Body Parts - Sub-01A

1986-1987 Sportster Frame Changes

1986-1987 883 Sportster frames were part# (47150-86). Frame (47150-86A) sold as replacement in 1989 and includes the jiffy stand.

1986-1987 1100 Sportster frames were part# (47168-86). Frame (47168-86A) sold as replacement in 1989 and includes the jiffy stand.

- **Differences between 1985-1986 frames:**

DISCLAIMER: The following are just some of the changes noted between late Ironhead and early Evo frames. Items such as frame height/length, exact clearances including chain/belt offsets and many others will need to be measured outside of what has been noted below.

- Different engine designs:
 - 1985 was the last year of the Ironhead engine. 1986 was the first year of the Evo engine.
- Motor Mounts:
 - The top front mount on 1985 was removable/adjustable. Top front mount on 1986-up engines is in a fixed position.
 - The top center mount was redesigned in 1986. 1986-2003 top center mount brackets will all interchange (if only speaking of mounting to the heads and frame). However, considerations will have to be made for the ignition switch, fuel tank petcock and possible horn locations depending on the year model of your motorcycle.
[Click Here for more information.](#)
 - L1984-2003 lower front mounts are the same.
 - 1982-1990 rear motor mounts are the same and offset the engine 13/32" to the left of the position from 1981< frames.
1991-2003 rear mounts are a cast-in part of the cases and not removable.
- The ignition module bracket changed between 1985 and 1986 frames.
- Front gas tank bolt holes changed location in 1986.
- Jiffy stand:
 - L1984-1988 frames use the same jiffy stand mounted sort of close to the lower (L) front motor mount.
 - 1989-1991 frames use the same jiffy stand and the mount was moved rearward approx. across from the oil pump dimple on the right tube.
 - 1992-later frames changed jiffy stands again and the mount moved a little further rear than on 1991 frames.
- Front fork related:
 - 1984-1987 forks are interchangeable.

- 1984-1987 use the same front axle.
- Rear swingarm related:
 - 1982-2003 swingarm part numbers changed but all use the same right side bearings & races.
 - 1982-1985 pivot bolt (male threads) threads into the opposite end pivot bolt spacer.
 - 1986-later pivot bolt (female threads) slides thru opposite end spacer with a screw into the end of the bolt.
 - 1979-1988 use the same rear axle.

1986-1987 Sportster Frame Pics

[Click Here](#) to reference Sportster VIN Information in the History section of the Sportsterpedia.

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