

INSTRUCTIONS

-J01630 REV. 2-19-01

Kit Numbers 57090-00, 57824-00 57837-00 and 58397-00

DETACHABLE WINDSHIELD AND DOCKING HARDWARE KITS

General

These kits are designed for installation on model year 2000 and later FXSTD Softail Deuce models.

Kit 57090-00 contains a standard height, clear, detachable windshield assembly.

Kit 57824-00 contains a low profile, smoked, detachable windshield assembly.

Kit 57837-00 contains a sport smoked windshield assembly.

Kit 58397-00 contains the docking (mounting) hardware for the above windshields.

See Service Part Illustrations for kit contents.

NOTE

A Service Manual for your vehicle is available from your Harley-Davidson Dealer.

Installation

AWARNING

Rider safety depends on the correct installation of this kit. Follow the procedures in this Instruction Sheet and in the appropriate Service Manual. If the procedures are not within your capabilities, or if you do not have the correct tools, have your Harley-Davidson dealer perform the installation. Improper installation could cause loss of control which could result in death or serious injury.

WARNING

To protect against shock and accidental start-up of vehicle, disconnect the battery cables, negative cable first, before proceeding. Inadequate safety precautions could result in death or serious injury.

AWARNING

Always disconnect the negative battery cable first. If the positive battery cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

- 1. Disconnect the battery cables, negative cable first.
- See Figure 1. Assemble the docking (mounting) hardware as follows:

NOTE

After assembling the docking hardware, there will be two top and two bottom clamps. These clamps differ in that the upper clamps have a mounting pin and the lower have a button head screw attached to them.

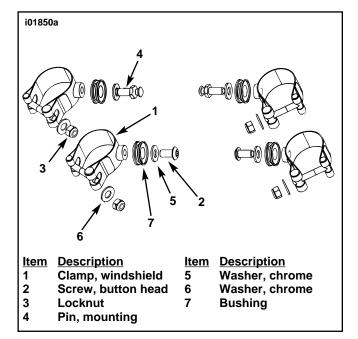


Figure 1. Docking Hardware Assembly

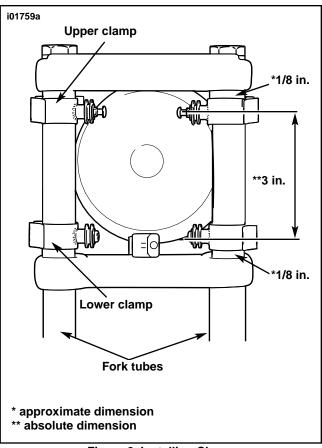


Figure 2. Installing Clamps

- Install a bushing (7), a washer (I.D. 0.344 X O.D. 0.688 in.) (5) and a button head screw (2) into boss on two of the clamps. Tighten the screws finger tight. These will be the lower clamps.
- b. Install a bushing (7), a washer (5) and a mounting pin (4) into boss on two of the clamps. Tighten mounting pins finger tight. These will be the upper clamps.
- See Figure 2. Install the lower clamps on to the fork tubes using washers (I.D. 0.281 X O.D. 0.625 in.) (Item 6, Figure 1) and locknuts (Item 3, Figure 1). Adjust so that clamps are approximately 1/8 in (3 mm) from the top of the lower triple clamp and then tighten locknut finger tight.

NOTE

The clamps are to be installed on the fork tubes so that their center lines are 3 in. (76 mm) apart. See Figure 2.

- 4. Install the upper clamps on to the fork tubes using washers (I.D.0.281 X O.D. 0.625 in.) (Item 6, Figure 1) and locknuts (Item 3, Figure 1). Adjust so that clamps are approximately 1/8 in (3 mm) from the bottom of the upper triple clamp and then tighten locknut finger tight. Ensure that the center lines of the two clamps are 3 in. (76 mm) apart.
- See Figure 3 and Service Parts Illustration. Install windshield.
 - a. Hook the two lower windshield mounting bracket "jaws" (1) into the grooves of the lower bushing (2).

- b. Hook the two upper windshield mounting bracket "jaws" (3) into the grooves of the upper bushing (4).
- Slide windshield down until all of the "jaws" of the brackets fit firmly into the bushings.
- Tighten the lower docking hardware button head screws (5) to 15 ft-lbs (20.3 Nm).
- e. Tighten the upper docking hardware mounting pins (6) to 15 ft-lbs (20.3 Nm).
- f. Fasten the retainer spring (7) by placing over the mounting pins (6).

NOTE

See **Figure 3**. Before tightening, ensure that there is at least 1/16 in (2 mm) clearance between the bottom of the lower windshield bracket jaws (1) and the top of the lower triple clamp (9).

 With the windshield in place, tighten the docking hardware clamp (8) locknuts to 10 ft-lbs (14 Nm). Be sure that the clamps do not rotate during tightening (the mounting bushings must be parallel to the windshield brackets.

NOTE

Inspect windshield for proper adjustment in relation to the headlight opening. If necessary, adjust the mounting clamps for proper headlamp to windshield relationship

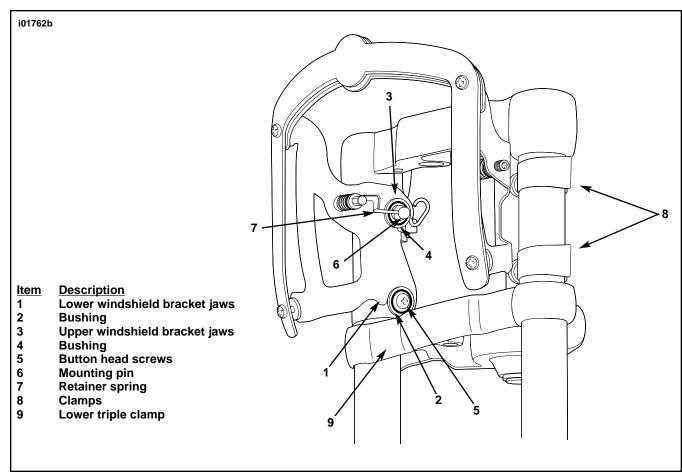


Figure 3. Installing Windshield

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AWARNING

Inspect windshield upon completion of installation. Be sure windshield mounting does not restrict full left or full right movement of front fork assembly. If restriction does occur, adjust windshield as needed until proper clearance is obtained. Restricted movement could affect handling which could lead to an accident resulting in death or serious injury.

AWARNING

Check mounting hardware periodically. Never ride with loose mounts. A loose mounting causes extra stress on all other mounts, as well as the windshield itself, and could result in premature failure of components allowing the windshield to detach and startle rider. This could cause loss of control of the vehicle which could result in death or serious injury.

CAUTION

Do not clean Lexan® polycarbonate in hot sun or high temperature. Powdered, abrasive or alkaline cleanser will damage the windshield. Never scrape the windshield with a razor blade or other sharp instruments because permanent damage will result. Sunlight reflections off of the inside curvature of a windshield can, at certain times of the day, cause extreme heat build-up on motorcycle instruments. Exercise care in parking. Park facing the sun, place an opaque object over the instruments, or adjust the windshield to avoid reflections. Harley-Davidson windshields are made of Lexan®. Lexan® is a more durable and distortion-resistant material than other types of motorcycle windshield material, but still requires attention and care to maintain.

- Do not use liquid windshield "protectors" on your windshield. Although they may work well on automobile safety glass, Harley-Davidson cannot ensure the results when used on Lexan® Harley-Davidson windshields. If you want to use a windshield protectant on your windshield, try Harley Glaze Polish and Sealant®.
- Do not use benzene, paint thinner, gasoline, or other types of harsh cleaning agents on windshield. They will damage the windshield surface.
- Do not use benzene, paint thinner, gasoline, lubricants or other cleaning agents on the rubber bushings. They will damage the bushing surfaces.

NOTE

Covering the windshield with a clean, wet cloth for approximately 15 minutes before washing will make dried bug removal easier.

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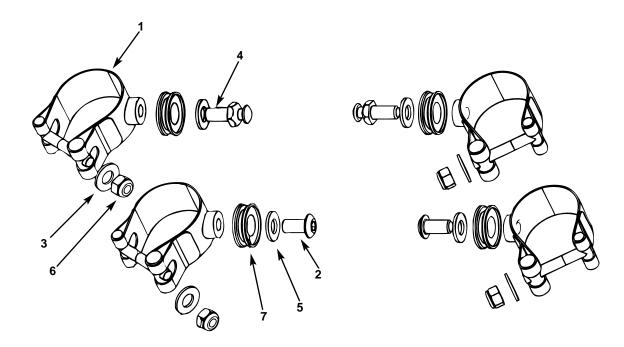


Part No. 58397-00

Date 2/01

Windshield Docking Hardware Kit

i01850a



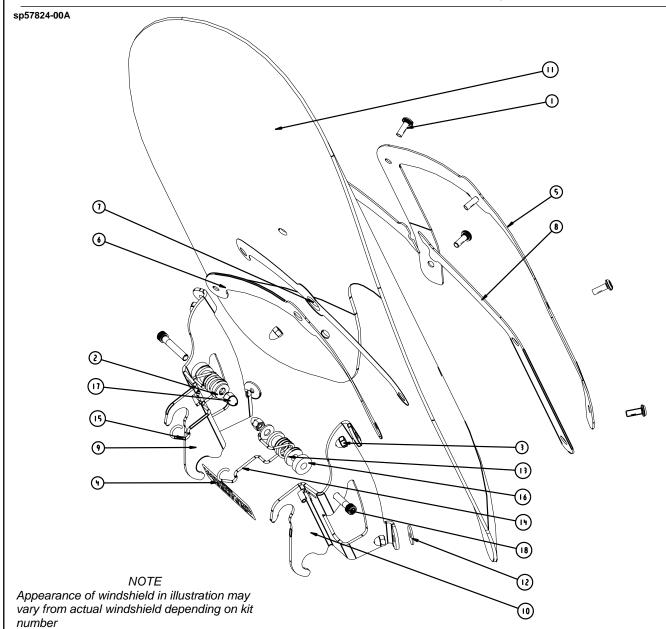
ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	Clamp, Windshield (4)	58351-96	5	Washer, Chrome (4)	94066-90T
2	Screw, Button Head (2)	94468-94T	6	Washer, Chrome (4)	94065-90T
3	Locknut (4)	94027-92T	7	Bushing (4)	67621-94
4	Pin, Mounting (2)	58172-96			

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Part No. 57090-00 and 57824-00

Date 2/01

Windshield, Clear, Standard Height and Smoked, Low Profile



ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	Screw, Pan Head, Torx (4)	2921	11	Windshield Kits	
2	Washer, Flat, Chrome (2)	6703		(for 57090-00, standard height,	
3	Nut, Acorn (4)	7651		clear)	57088-00
4	Decal, Windshield Warning	14688-97		(for 57824-00, low profile,	
5	Brace, Windshield, Outer	57092-00		smoked)	57087-00
6	Brace, Windshield, Inner	57093-00	12	Washer, EPDM (2)	58152-96
7	Cushion, Brace, Inner	57095-00	13	Bushing (4)	58272-95
8	Cushion, Brace, Outer (2)	57094-00	14	Spring, Retainer, Left	58579-96
9	Bracket, Mounting, Left	57097-00	15	Spring, Retainer, Right	58580-96
10	Bracket, Mounting, Right	57098-00	16	Bushing (2)	58794-96
			17	Nut, Acorn. 14-20 (3)	94004-90T
			18	Hex, Socket Hd Cap Screw (2)	94316-91T

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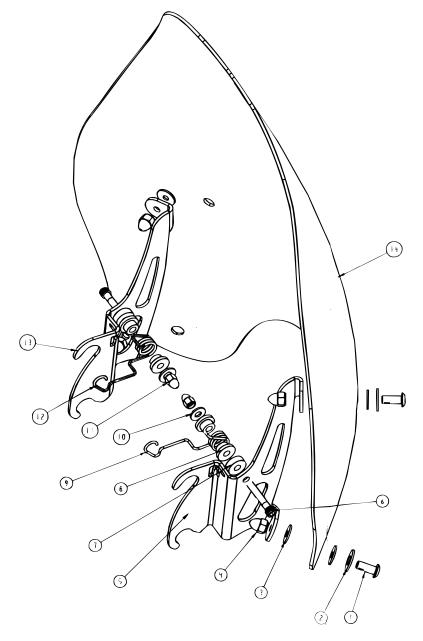


Part No. 57837-00

Date 2/01

Windshield, Super Sport, Smoked

sp57837-00a



ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	Pan Head Screw, Torx (4)	2921	8	Bushing (4)	58272-95
2	Washer (4)	6352	9	Retainer Spring, Right	58580-96
3	Washer (8)	58152-96	10	Flat Washer, Chrome (2)	94066-90T
4	Acorn Nut (4)	7651	11	Acorn Nut, 1/4-20	94004-90T
5	Mounting Bracket, Right	57834-00	12	Retainer Spring, Left	58579-96
6	Socket Hd Cap Screw, Hex (2)	94316-91T	13	Mounting Bracket, Left	57835-00
7	Bushing (2)	58794-96	14	Windshield, Sport, Smoked	57836-00

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