



INSTRUCTIONS

94100003

2019-10-10



SOFTAIL FORWARD CONTROLS KIT CHROME

GENERAL

Kit Number

50700061

Models

For model fitment information, see the P&A Retail Catalog or the Parts and Accessories section of www.harley-davidson.com (English only).

⚠ WARNING

Rider and passenger safety depend upon the correct installation of this kit. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00308b)

⚠ WARNING

Brakes are a critical safety component. Contact a Harley-Davidson dealer for brake repair or replacement. Improperly serviced brakes can adversely affect brake performance, which could result in death or serious injury. (00054a)

Installation Requirements

LOCTITE 243 MEDIUM STRENGTH THREADLOCKER AND SEALANT (BLUE) (99642-97)

E-CLIP TOOL (PART NUMBER: HD-52369)

Kit Contents

See Figure 11 and Table 1.

LEFT SIDE

Disassemble Left Side

1. See Figure 6. Remove footpeg from foot support bracket. Retain footpeg, E-clip, clevis pin, and torsion spring for later use.

- a. Remove E-clip (3).

Special Tool: E-CLIP TOOL (HD-52369)

NOTE

When removing E-clip, use E-clip tool to prevent damage to painted surfaces.

- b. Remove clevis pin (1).
- c. Remove footpeg (4).

- d. Remove torsion spring (2).

2. See Figure 1. Remove the left mid foot support bracket (3).

- a. Remove screws (2).

- b. Remove foot support bracket.

3. Remove and discard plastic plug (1) if present.

4. See Figure 2. Remove shifter assembly.

- a. Remove screw (5) to free shifter rod (4) from rear shifter rod lever (3).

- b. Remove pinch screw (1) from front shifter rod lever (2).

- c. Pull foot shift lever (6) and shaft (8) outward until front shifter rod lever (2) is free.

- d. Remove front shifter rod lever and shifter rod.

- e. Remove foot shift lever, shaft and spacer (7).

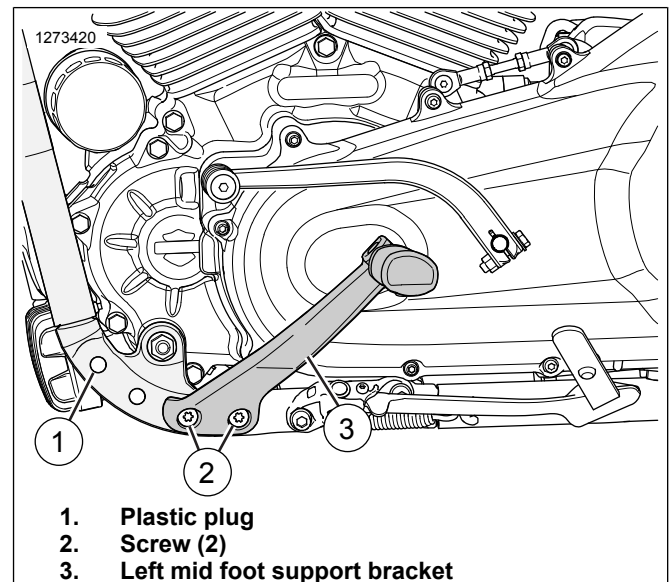


Figure 1. Left Mid Foot Support Bracket

- Torque: 13.5–19 N·m (120–170 **in-lbs**) *Shifter rod screw*

- b. Insert long leg of torsion spring into hole in left foot support bracket (10).

8. Shifter linkage rod
9. Shift rod lever
10. Left foot support bracket
11. O-ring - small (2)
12. Lock washer
13. Screw
14. E-clip

94100003

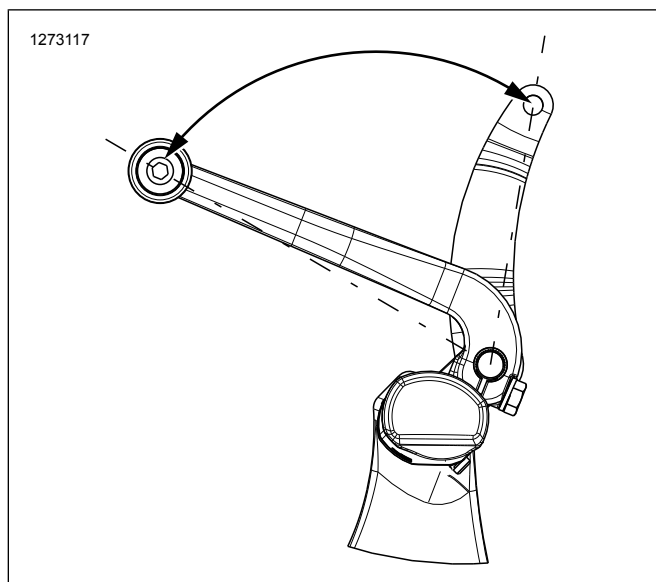


Figure 4. Shift lever assembly angle

Installation Left Side

1. Install left foot support assembly.
 - a. See Figure 11. Select left foot support bracket assembly and screws (12) from kit.
 - b. See Figure 5. Apply threadlocker to screws (6).
LOCTITE 243 MEDIUM STRENGTH
THREADLOCKER AND SEALANT (BLUE)
(99642-97)
 - c. Install left foot support assembly (5).
 - d. Install screws (6). Tighten.
Torque: 54–61 N·m (40–45 ft-lbs) *Left-hand foot support screws*
2. Install plug (4) into shifter shaft hole in primary cover.
3. Install shifter linkage.
 - a. Install shifter linkage rod (1) to rear shifter rod lever (3) with screw. Tighten.
Torque: 13.5–19 N·m (120–170 **in-lbs**) *Shifter rod screw*
 - b. Adjust shifter rod ends (7) for rider posture and tighten jam nuts (8).
Torque: 9–13.5 N·m (80–120 **in-lbs**) *Shifter rod jam nuts*

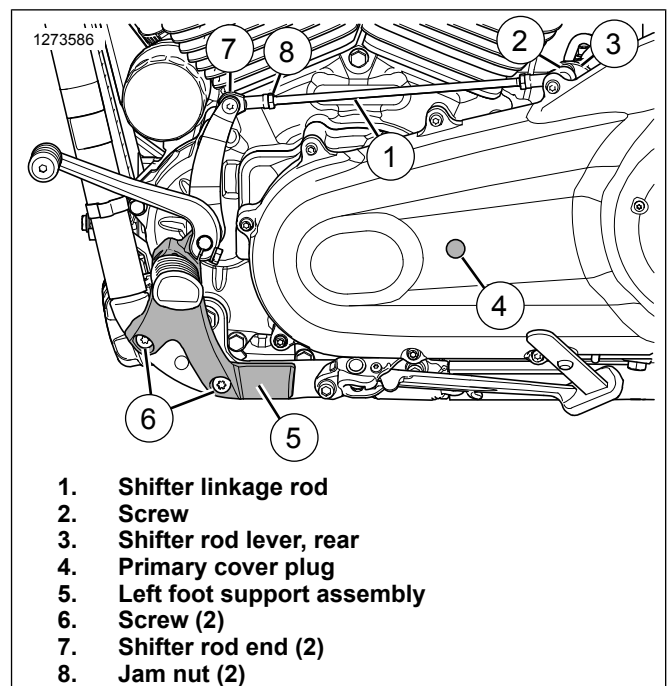


Figure 5. Left side forward controls

RIGHT SIDE

Disassemble Right Side

1. See Figure 6. Remove footpeg from foot support bracket. Retain footpeg, E-clip, clevis pin, and torsion spring for later use.

NOTE

When removing E-clip, use E-clip tool to prevent damage to painted surfaces.

- a. Remove E-clip (3).
Special Tool: E-CLIP TOOL (HD-52369)
- b. Remove clevis pin (1).
- c. Remove footpeg (4).
- d. Remove torsion spring (2).
2. See Figure 7. Remove right side foot support bracket.
 - a. Remove front linkage screw (2).
 - b. Remove screws (7).
 - c. Remove foot support bracket (1).
3. Remove rear master cylinder from bracket.
 - a. See Figure 8. Remove cotter circle (1).
 - b. Remove clevis pin (2).
 - c. See Figure 7. Remove screws (4).
 - d. Support rear brake master cylinder (3).

4. Remove brake pedal bracket.

- a. Remove screw (5).
- b. Remove brake pedal bracket (6).

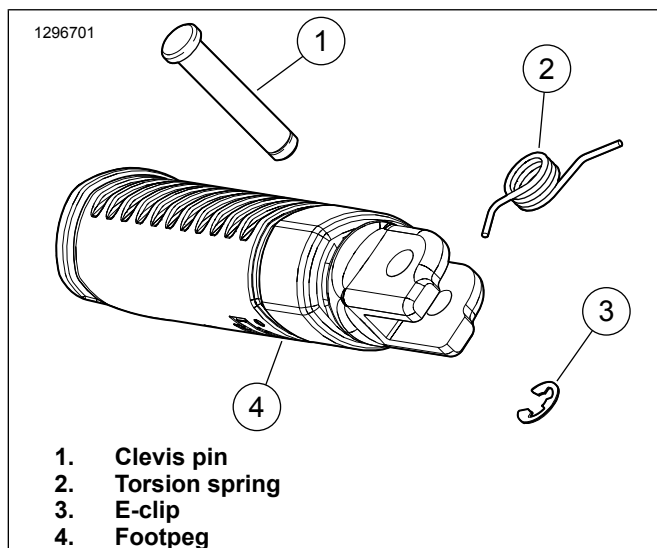


Figure 6. Rider Footpeg (Typical)

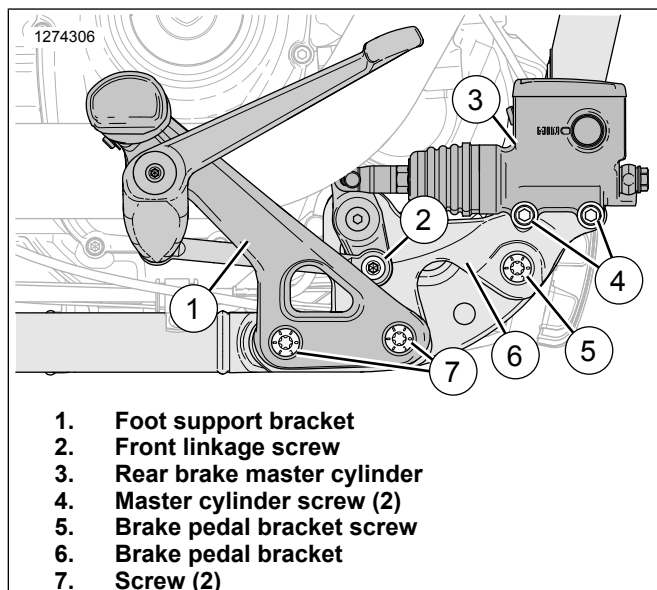


Figure 7. Right Side Mid Controls

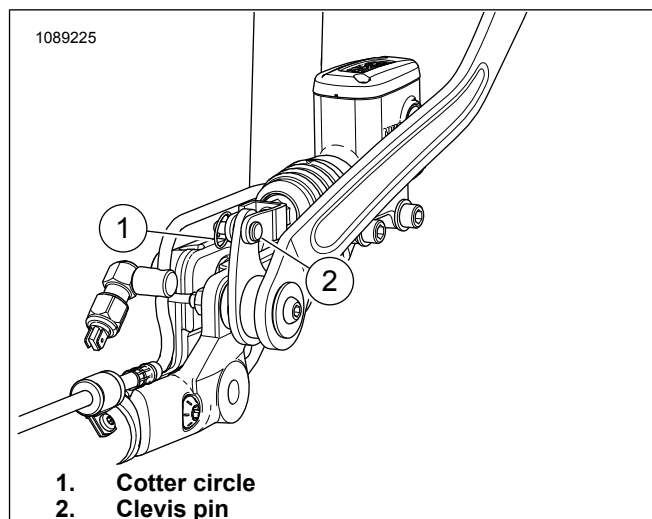


Figure 8. Rear Master Cylinder - Rear View: (exhaust remove for clarity)

Pre-Assemble Right Side Kit Components

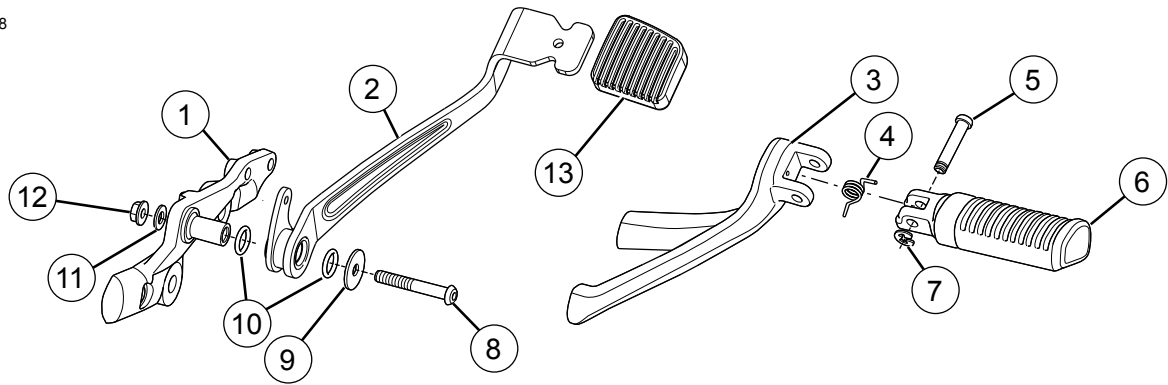
1. See Figure 9. Install footpeg to foot support bracket.
 - a. Insert short leg of torsion spring (4) into hole in footpeg (6).
 - b. Insert long leg of torsion spring into hole in right foot support bracket (3).
 - c. Rotate footpeg into position and install clevis pin (5).
 - d. Install E-clip (7).

Special Tool: E-CLIP TOOL (HD-52369)

NOTE

When installing E-clip, use E-clip tool to prevent damage to painted surfaces.

2. Assemble brake pedal.
 - a. Install first large O-ring (10) onto brake pedal mounting bracket (1).
 - b. Install brake pedal (2) onto mounting bracket.
 - c. Install second large O-ring (10) onto brake pedal mounting bracket.
 - d. Install screw (8) and large washer (9).
 - e. Install small washer (11) and nut (12). Tighten.
Torque: 24.4–29.8 N·m (18–22 ft-lbs) *Brake pedal pivot screw*
 - f. Install brake pedal pad (13) to brake pedal.



1. Brake pedal bracket
2. Brake pedal - Black
3. Right foot support bracket
4. Footpeg return spring
5. Footpeg clevis pin
6. Right footpeg
7. Wearpeg

8. E-clip
9. Screw
10. Washer - large
11. O-ring - large (2)
12. Washer - small
13. Nut
14. Brake pedal pad

Figure 9. Right Side Pre-Assembly

Installation Right Side

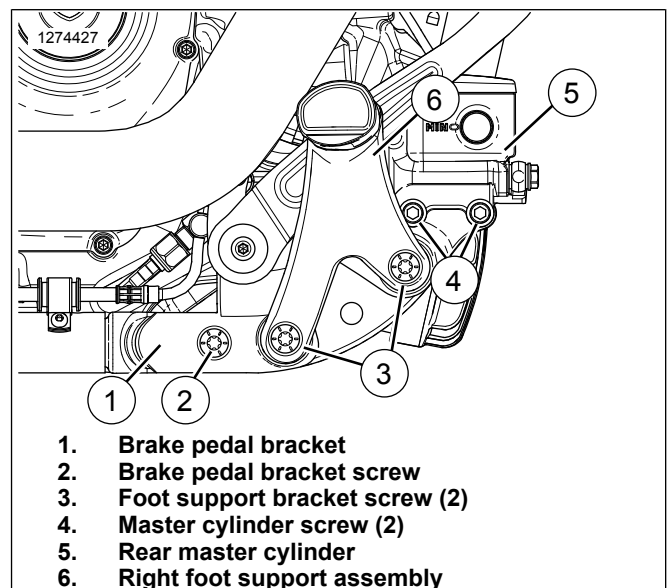
1. See Figure 11. Select the brake pedal bracket assembly and screw (23) from kit.
2. See Figure 10 Install brake pedal mounting bracket.
 - a. Apply threadlocker to screw (2).
LOCTITE 243 MEDIUM STRENGTH
THREADLOCKER AND SEALANT (BLUE)
(99642-97)
 - b. Install brake pedal bracket (1).
 - c. Install screw (2). Hand tighten.
3. Install rear master cylinder to brake pedal mounting bracket.
 - a. Install rear master cylinder (5).

NOTE

Verify that the brake pedal link is between the master cylinder yoke when placing the master cylinder into place.

- b. See Figure 8. Install clevis pin (2).
 - c. Install cotter circle (1).
 - d. See Figure 10. Install screws (4). Tighten.
Torque: 24–30 N·m (18–22 ft-lbs) *Rear master cylinder mounting screws*
4. Install right foot support assembly.
 - a. See Figure 11. Select right foot support bracket assembly and screws (9) from kit.

- b. See Figure 10. Apply threadlocker to screws (3).
LOCTITE 243 MEDIUM STRENGTH
THREADLOCKER AND SEALANT (BLUE)
(99642-97)
- c. Install right foot support assembly (6).
- d. Install screws (3).
- e. Tighten screws (2 and 3).
Torque: 54–61 N·m (40–45 ft-lbs) *Right foot support screws*



1. Brake pedal bracket
2. Brake pedal bracket screw
3. Foot support bracket screw (2)
4. Master cylinder screw (2)
5. Rear master cylinder
6. Right foot support assembly

Figure 10. Right Foot Support Bracket

Service Parts

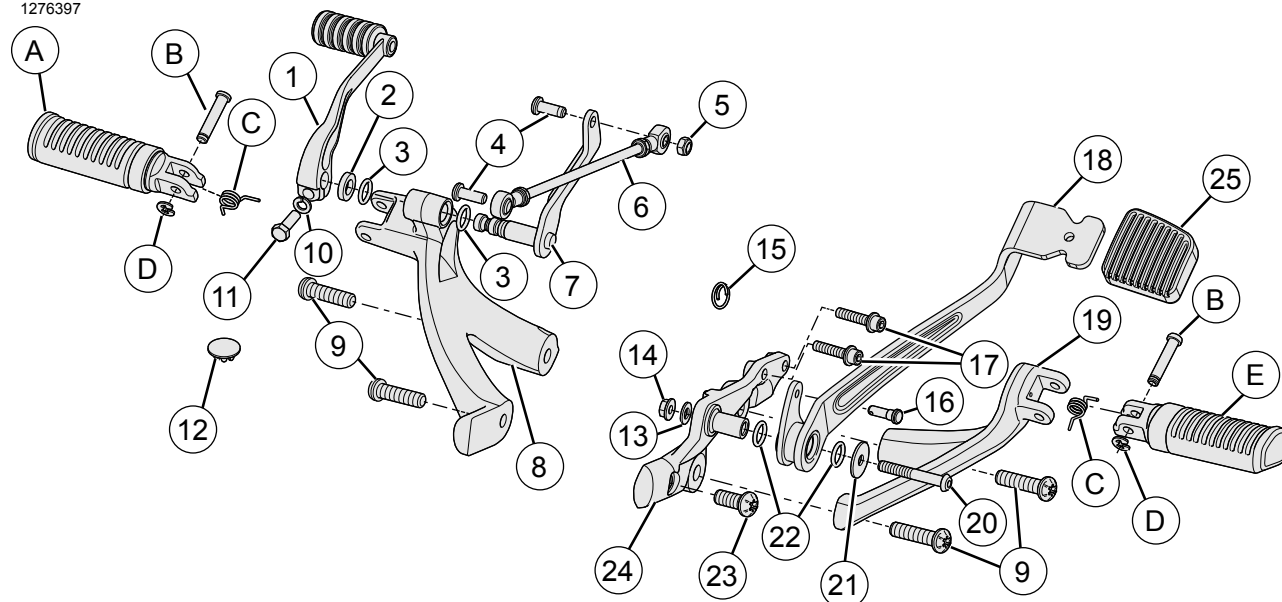


Figure 11. Service Parts: Forward Controls Kit - Chrome

Table 1. Service Parts

Item	Bag ⁹	Description (Quantity)	Part Number	Item	Bag ⁹	Description (Quantity)	Part Number
1	A	Shift lever sub-assembly	33600124	13	B	Washer - small	6702
2	A	Nylon washer	6057	14	B	Flange nut	7531
3	A	O-ring - small (2)	11191	15	B	Cotter circle	51938-04
4	A	Socket head button screw (2)	4387	16	B	Rear brake clevis pin	42460-80B
5	A	Lock nut	7727	17	B	Screw (2)	10500022
6	A	Shifter linkage rod	33600123	18	B	Brake pedal - Chrome	50600209
7	A	Shift rod lever	33600132	19	B	Right foot support bracket	50500913
8	A	Left foot support bracket	33600212	20	B	Button head torx screw 2.25 inch	10200851
9	C	Cap screw, button head, 3/8-16 X 1.62 inch (4)	10200536	21	B	Washer	6237
10	A	Lock washer	7041	22	B	O-Ring - large (2)	11364
11	A	Hex head screw	4017	23	B	Cap screw, button head, 3/8-16 X 1 inch	4512A
12	A	Primary cover plug	25701149	24	B	Brake pedal bracket	50600206
				25	B	Brake pedal pad	50600223
Items mentioned in text, but not included in kit:							
A		Left footpeg	50501107	D		E-clip (2)	50500701
B		Footpeg clevis pin (2)	50500702	E		Right footpeg	50501106
C		Footpeg torsion spring (2)	50500703				

(1) The contents of bag A will be used for left side assemblies, bag B will be used for right side assemblies and bag C will be used for both left and right sides.