

SERVICE BULLETIN



M-969

September 13, 1988

1989 FX SOFTAIL GEARCASE COVER REMOVAL/INSTALLATION PROCEDURE

GENERAL: This Service Bulletin has been written to advise Dealers and Technicians of a design improvement to the FXST/C rear brake master cylinder bracket. The bracket is no longer bolted to the frame. It is welded to the frame.

This design improvement causes a change in the FXST/C Gearcase Cover Removal Procedure.

MOVE REAR BRAKE LINE ASSEMBLY OUT OF POSITION

NOTE

Do not loosen any brake line fittings.

1. Remove exhaust system.
2. Clamp engine oil drain hose or drain oil tank. Remove oil drain hose from frame mounted plug.
3. Loosen jamnut on master cylinder pushrod.
4. Remove the mounting bolt and bracket supporting the brake line at the transmission housing.
5. Unclip brake hose at swing arm. Move brake hose forward, for slack. Pull the brake hose out, past the oil tank drain hose.
6. Bend lockplate out of the way and turn master cylinder mounting nut off the master cylinder threads.
7. Remove the cable strap securing the rear brake reservoir hose to the engine oil hoses.
8. Push master cylinder forward, out of the bracket.
9. Rotate brake line and master cylinder outward and move clutch cable behind brake line. Lightly tighten master cylinder mounting nut to hold assembly in place.

NOTE

You can now remove the gearcase cover, using Service Manual procedures.

MOVE REAR BRAKE LINE ASSEMBLY INTO POSITION

1. Remove master cylinder mounting nut and push master cylinder forward, out of the bracket.
2. Move clutch cable in front of brake line. Move the oil tank drain hose back into place. Rotate brake line and master cylinder assembly back into position.
3. Install master cylinder mounting nut. Tighten mounting nut to 30–40 ft-lbs torque. Bend lockplate back into position.

WARNING

Be sure reservoir brake hose is cable strapped correctly (2 in. from end of oil lines) to avoid contact with exhaust system.

4. Install the cable strap securing the rear reservoir brake hose to the engine oil hoses.
5. Install the mounting bolt and bracket supporting the brake line at the transmission housing.
6. Install brake hose at swing arm.
7. Tighten jamnut on master cylinder pushrod.
8. Install oil drain hose in frame mounted plug. Remove clamp or fill oil tank.
9. Install exhaust system.
10. Check oil tank level. Check rear brake for function.
11. Make a note of this procedure in the 1989 FX/Softail Service Manual.

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO:
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