



TT413: 2009 - 2020 TOURING REAR FORK RUSTY WATER LEAKAGE

2020-06-09



Chassis

APPLIES TO	SYMPTOMS
2009 - 2020 Touring, Touring CVO, Touring Police Models	<ul style="list-style-type: none">• Fluid or Oil Leaks• Cosmetic Information

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Revision Description
2020-06-09	Updated model years
	* Updated Title, Applies To, Purpose for Tech Tip Bulletin
2018-09-03	Updated Complete Bulletin
2009-06-03	Initial release

Purpose for Tech Tip Bulletin

See Figure 1. Some 2009 - 2020 Touring, Touring CVO, Touring Police models exhibit drainage of rusty water from the rear fork (where the debris deflector mounts), which has raised customer concern.

NOTE

This is a cosmetic concern and not an indication of an internal issue.



Figure 1. Rear Fork

Cause

The potential water entry points are a forward facing drain hole (used in production) in the pivot shaft area, the two upper holes for the brake line retention clips, and the holes underneath the lower belt guard. On low mileage vehicles this may be residual after-wash from manufacturing's pre-paint procedure that did not boil out during the paint bake process, or it may be from external sources (puddles, washing, etc.) after the motorcycle was put into service. Depending on the amount of debris remaining inside the rear fork from the manufacturing process, and the fact the belt's debris deflector runs across the lower drain hole, it is possible for the water to build up and become contaminated. Air flow from riding can cause the stagnant water to slowly work its way out of the rear fork and onto the rear of the vehicle.

Resolution

Harley-Davidson recommends opening up a clear escape path for the water to exit by:

1. Removing the debris deflector.
2. Marking the location of the rear fork drain hole.
 - a. Use some grease to find the drain hole (just forward of the center mounting screw).
3. Drilling a 6.4 mm (0.25 in) hole in plastic debris deflector (not the rear fork), directly in line with rear fork drain hole.
4. Clean vehicle (if necessary).
5. Reinstall the modified debris deflector

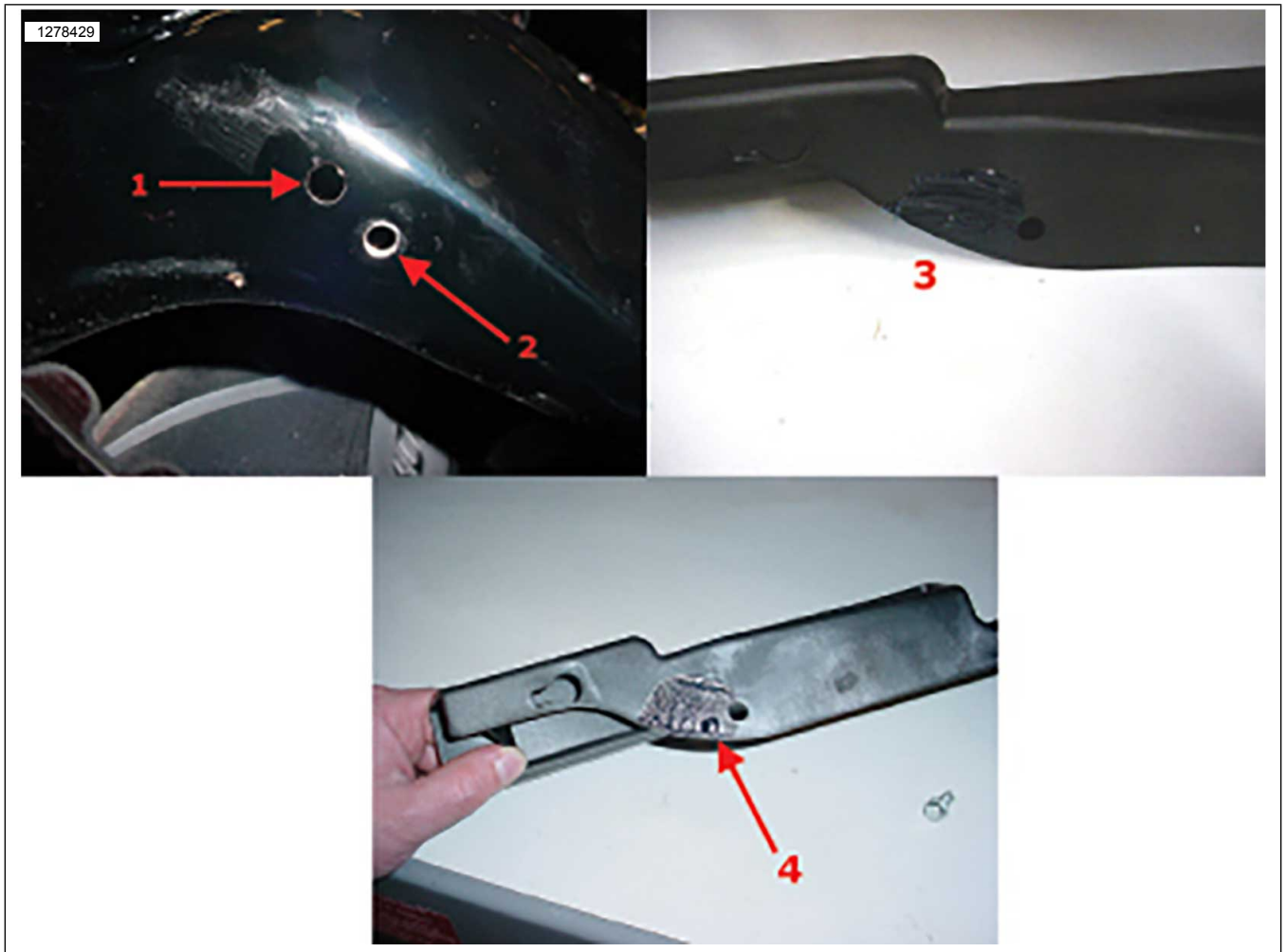


Figure 2. Debris Deflector

Credit Procedure:

NOTE

Enter bulletin number into comment section of claim.

For vehicles within factory warranty, file a warranty claim. Refer to Table 2.

Table 2. Warranty Claim

ITEM	DATA
Claim Type	MC/Standard claim
Event Problem Part Number	OEM Rear fork
Quantity	Leave blank
Primary Labor Code	2616
Time	0.2 h
Customer Concern Code	6106
Condition Code	1116