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Welcome, WayneC1.

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07-04-2011, 09:33 AM

#241

dwayne
Silly Adventurer



Joined: Feb 2006
Location: wheelie in purgatory, Calgary
Odometer: 2,519

Quote:

Originally Posted by **Adv Grifter** →
It's doubtful your dealer will replace your forks. But I would have them check them and refer your dealer to links of recent reports documenting failure events. Just because your bike has the same build date does not mean your forks are bound to snap off. Very very unlikely.

But BMW NA and BMW GMBH should take this seriously and hopefully will have a qualified tech really look closely at your forks. Some sort of Magnaflux type test would be best but I doubt they have that ability. Still, a close visual inspection should be adequate. If my bike, I'd be checking closely every 1000 miles or so and especially after long, hard use on rough, wash board dirt roads. This really is not Rocket Science ... you will see cracks and deformation before any failure takes place.

Good luck, safe riding!

If you take a look at the failure photos you will notice they look like they will fit perfectly back together. That means you will not see deformation before the crack occurs. This is sometimes referred to as a brittle failure.

If you read back in this thread you will see that inspections and testing has been discussed, and basically concluded that even volumetric tests (ultrasonic, X-ray, eddy current) would present significant technical challenges. Not to mention that there is no guarantee that the crack will not form immediately after inspection. Further the crack appears to be initiating on the inside inside diameter and if that is the case will not be detectable with surface inspections (visual, dye). Magnaflux testing will not work as the fork leg is not magnetic. Now I am sure that I could come up with a Ultrasonic inspection that would work, but the cost would be equivalent to a new updated leg, or more and does not reduce the chance of a crack forming after the inspection.

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"When your only tool is a hammer, every problem looks like a nail"

REPORT

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