

Chapter 6

Frame, suspension and final drive

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Degrees of difficulty

Easy, suitable for
novice with little
experience



Fairly easy, suitable
for beginner with
some experience



Fairly difficult,
suitable for competent
DIY mechanic



Difficult, suitable for
experienced DIY
mechanic



Very difficult,
suitable for expert DIY
or professional



Specifications

Front forks

Fork air pressure	
Standard	5.7 psi (0.39 Bar)
Maximum	14 psi (0.96 Bar)
Fork oil type	
10W fork oil	
Fork oil capacity	
1985 to 1992 models	451 cc
1993 to 2003 models	620 cc
Fork oil level*	
1985 to 1992 models	139 mm
1993 to 2003 models	123 mm
Fork spring free length (min)	
1985 to 1992 models	
Standard	492.5 mm
Service limit	487.5 mm
1993 to 2003 models	
Standard	386.5 mm
Service limit	381.5 mm
Fork tube runout limit	
0.2 mm	

*Oil level is measured from the top of the fork tube with the spacer and spring removed and the leg fully compressed.

Final drive

Final drive oil type and capacity	see Chapter 1
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