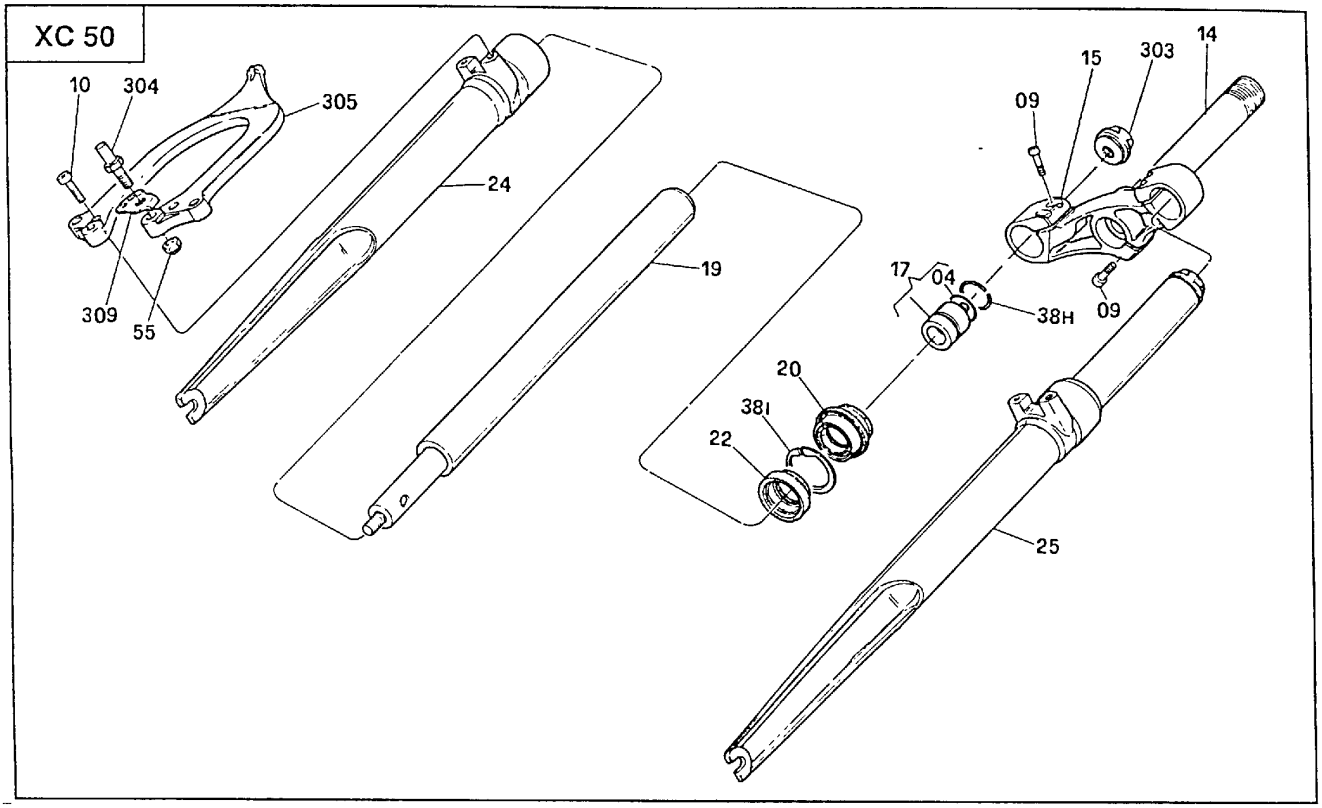
XC 50 - XC 51 - EGS

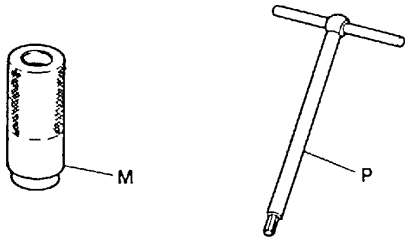


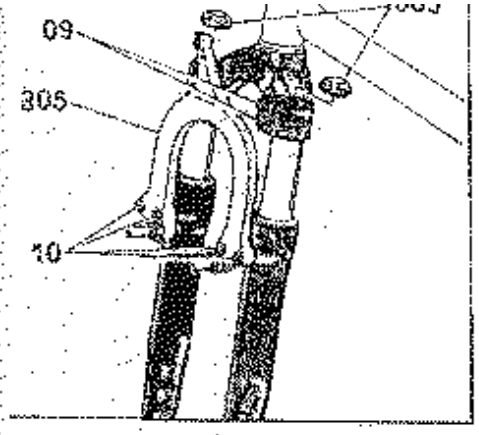
Componenti - Spare parts XC 50

Rif.	Descrizione - Description
04	Anello O-ring - O-ring
09	Vite - Screw
10	Vite - Screw
14	Cannotto - Stem
15	Base - Lower yoke
17	Tappo superiore completo - Upper cap assembly
19	Tubo portante - Stanchion tube
20	Raschiapolvere - Dust seal
22	Anello di tenuta - Oil seal
24	Portaruota dx. - Right slider
25	Portaruota sx. - Left slider
38	Anello di fermo - Stop ring
38H	Anello di fermo - Stop ring
55	Dado - Nut
303	Cappuccio valvola - Valve cap
304	Perno - Pin
305	Archetto - Arch
309	Piastrino - Plate

Attrezzi specifici - Specific tools

Rif.	Art.	Descrizione attrezzo - Tool description
P	R 5024	Chiave per smontaggio tubo portante - Wrench for stanchion tube reassembly
M	110	Attrezzo per montaggio anello di tenuta - Tool for snap ring assembly





Before carrying out any maintenance or replacement work, remove the caps (303) and release all the pressure in the fork legs through the valves (84).
Loosen the screws (10) which block the stiffening bow (305) to the sliders.
Now remove the fork legs from the lower yoke by loosening the screws (09A) on the locking clamps. Slide the top of the stanchion tubes out of the lower yoke.

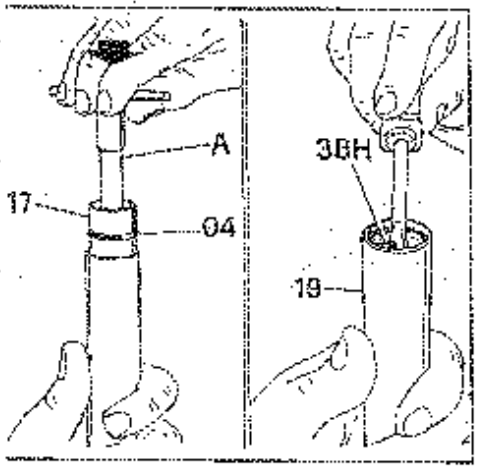


FIG. 2
Screw the A special tool (ref. 104) onto the plug.
Push the plug (17) into the stanchion tube (19) and remove the special tool A.
Remove the upper stop ring (38H) with a screwdriver.

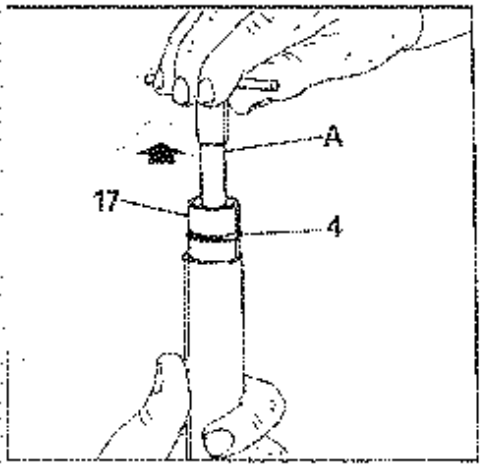
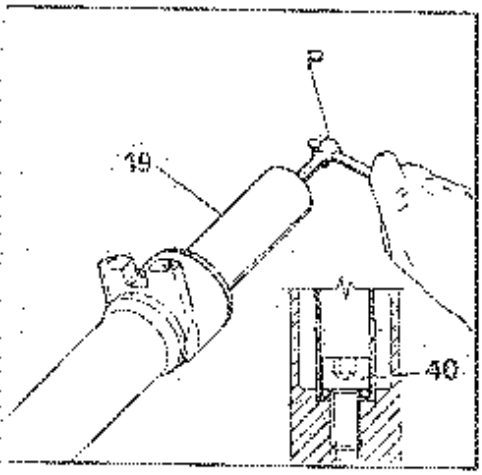


FIG. 3
Screw the A special tool (ref. 104) and slide the plug out of the stanchion tube. Pull it strongly to overcome the resistance of the oil seal with O-ring.
Drain the oil contained in the fork leg by pushing the slider up and down to let all the oil come out.



OIL SEAL DISASSEMBLY
FIG. 4
Fix the lower part of the slider (24-25) into a vice with aluminium blocks and protect the surface with a cloth. Unscrew the inner screw (40) by means of a special wrench P (ref. R 5024).
Remove the stanchion tube (19) from the inside of the slider.

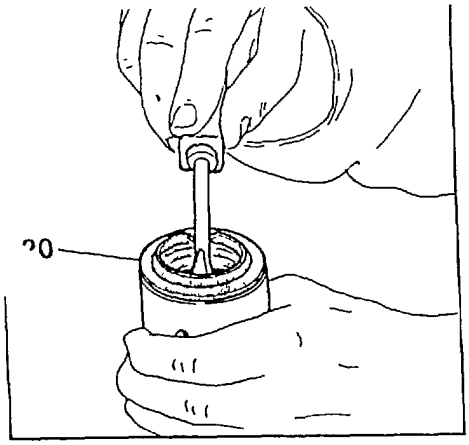


FIG. 5
Remove the dust seal (20) from the top of the slider by exerting an upward pressure with a screwdriver.

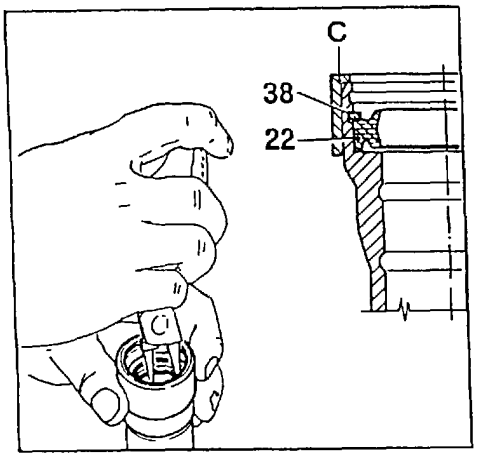
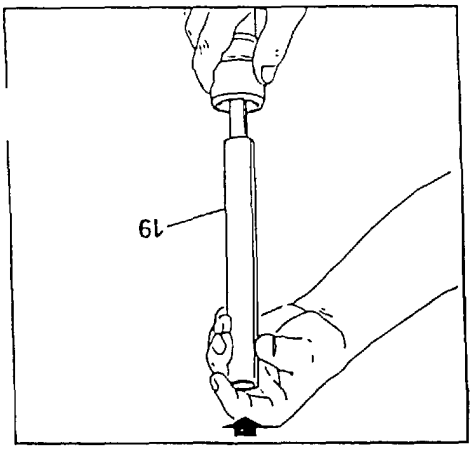


FIG. 6
Remove the stop ring (38) from the inside of the slider with a pair of pointed pliers (ref. 16).
Remove, with a screwdriver, the oil seal (22) of the bushing.
Protect the external edge of the slider with a special ring C (ref. 8) while carrying out this operation.



REASSEMBLY
FIG. 7
Carefully introduce the stanchion tube (19) into the slider up to counterboring.

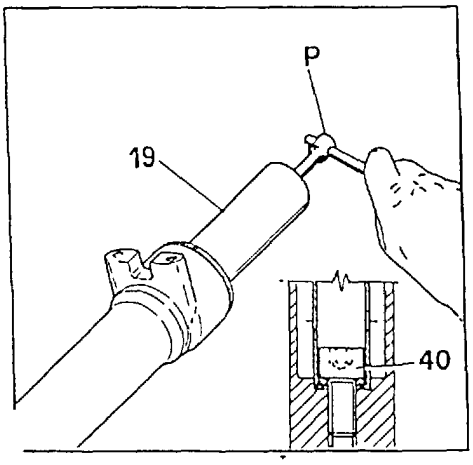


FIG. 8
Fix the lower part of the slider (24-25) into a vice with aluminium blocks and protect the surface with a cloth. Tighten the inner screw by means of the special wrench P (ref. R 5024)

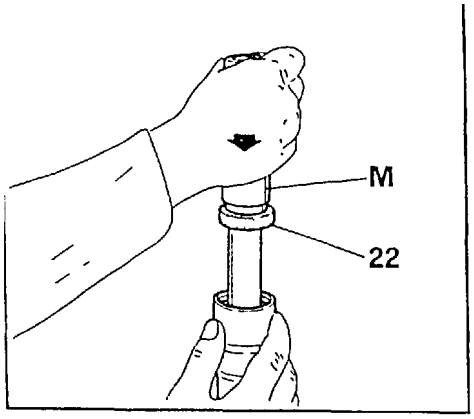


FIG. 9
By means of the special introduction tool M (ref. 110) push the new oil seal into its seat then lock it using the stop ring (38) now insert the dust seal (20).

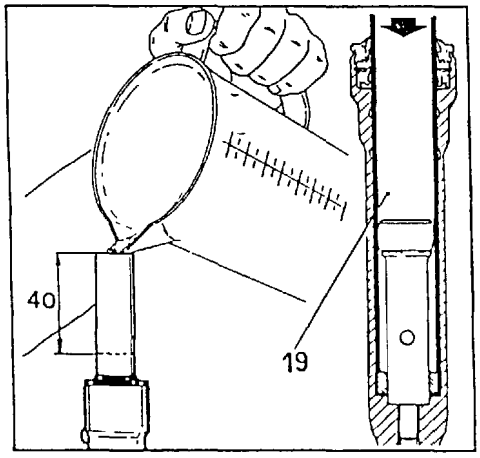


FIG. 10
Pour "MARZOCCHI oil art. 52.49" into the slider. Make sure that the stanchion tube is up to the counterboring on the bottom of the slider and by pumping up and down with the tube so that the oil can fill the whole volume. Check that the stanchion tube is at the counterboring of the slider and check that the oil level is 40 mm from the top.

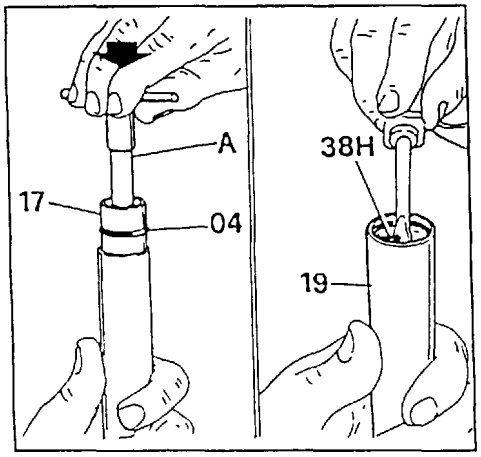


FIG. 11
Tighten tool a (ref. 104) on the plug. Grease the O-ring (4) and reinsert the plug (17) inside the stanchion tube. Making sure it comes out of the stop ring seat. Reassemble the upper stop ring (38H).

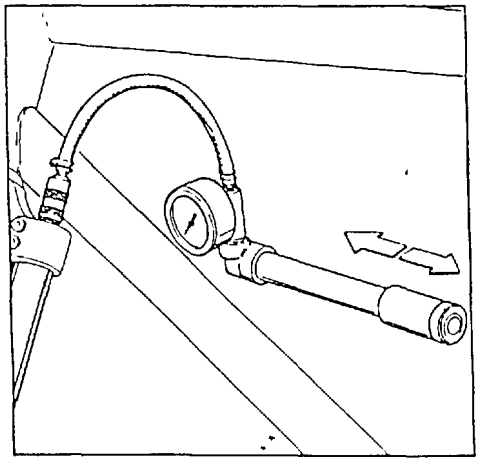


FIG. 12
Let air into the valve by using a common pump with pressure gauge or with the MARZOCCHI special pump equipped with the special adaptor (ref. 103). Bring the pressure to approx. 3,5 bar (psi 50). Tighten the cap (303). The internal pressure influences the performance of the fork both in the compression and in the rebound phase. The higher the pressure, the harder the damping action.