

**MOTO MORINI**

FABBRICA ITALIANA MOTOCICLI

SERIES

**“Corsaro,”**

MODELLI:

**125 Super Sport**

**150 Super Sport**

**125 Country**

**150 Country**

	<b>150</b> SUPER SPORT	<b>125</b> SUPER SPORT	<b>125</b> COUNTRY	<b>150</b> COUNTRY
<b>Cycle</b>	<b>4 strokes</b>	<b>4 strokes</b>	<b>4 strokes</b>	<b>4 strokes</b>
<b>Cylinders</b>	1	1	1	1
<b>Bore</b> mm.	58	50	56	58
<b>Stroke</b>	54	56	50	54
<b>Displacement</b> c.c.	142,6	123,08	123,08	142,6
<b>Compression ratio</b>	1 : 9,8	1 : 9,8	1 : 9,8	1 : 9,8
<b>Max. power</b> hp	10,90	10,80	10,80	10,90
<b>peak r.p.m.</b>	9400	9600	9600	9400
<b>Tune-up data</b>				
Inlet opens . . . . .	28° BTDC			
Inlet closes . . . . .	57° ATDC			
Exhaust opens . . . . .	56° BTDC			
Exhaust closes . . . . .	27° ATDC			
<b>Play between valves and rocking arms for inlet and exhaust check</b>	<b>0,4 mm.</b>			
<b>Normal play between valves and rocking arms - cold engine</b>	inlet		0,05 mm.	
	exhaust		0,05 mm.	

<b>Normal play between valves and rocking arms - hot engine</b>	inlet		0,15 mm.	
	exhaust		0,20 mm.	
<b>Fixed advance</b>	18° ÷ 20° BTDC			
<b>Automatic advance</b>	37° ÷ 39° BTDC			
<b>Contact breaker gap</b>	0,35 ÷ 0,40 mm.			
<b>Plug</b>	BOSCH T 2 240 w			
<b>Oil sump capacity</b>	CASTROL OIL GTX 1,200 kg = 1,400 liter - sommer and winter			
<b>Fuel</b>	84/86 NO		98/100 NO	
<b>Inflation pressure</b>	Front 1,75 kg/sq.cm - Rear 2,00 kg/sq.cm			

## MAINTENANCE DIAGRAM

### FIRST 500 Km.

- Renew engine sump oil
- Clean engine sump filter
- Adjust tappets
- Check contact breaker gap
- Check head tightening
- Clean carburettor petrol filter

### EVERY 1000 km

- Check sump oil level

### EVERY 3000 km

- Renew engine sump oil - CASTROL OIL GTX
- Clean engine sump filter
- Adjust tappets
- Check contact breaker gap
- Lubricate contact breaker felt
- Clean carburettor petrol filter
- Grease fork pivot
- Lubricate and check chain tension
- Grease cyclometer return
- Check play of clutch transmission

### EVERY 6000 km

- Replace plugs

### EVERY TWO MONTHS

- Check battery acid level