

SERVICE DATA

Tightening torques for inspection plan	Nm
Engine	
Cylinder head nuts and bolts	10-12
Cam chain tension adjuster bolt	25-28
Crankcase cover bolts	10-12
Manifold bolts	10-12
Clutch lock nut	40-45
Generator rotor nut	40-45
Engine oil drain plug	22-25
Valve cover lock	10-12
Chassis	
Rear-wheel axle nut	50-60
Front-wheel axle nut	45-55
Swing axle nut	45-55
Disc brake screws	12-14
Front brake calliper bolts	60-65
Rear brake calliper bolts	30-35
Handle bar holder bolt upper	22-25
Rear shock mounting bolts	38-42
Exhaust pipe mounting nuts	10-12
Engine mounting bolt upper / below	33-35
Sprocket bolts	12-14
Headlight fastening	10-12

SERVICE DATA

Spare parts for inspection plan

part no	Description	Q'ty	1.000 km	4.000 km	8.000 km	12.000 km
43235-FYBQ-300	Brake pad (rear)	2		X	X	X
46630-FYBQ-000	Brake pad (front)	2		X	X	X
V241201-FYIJ-0000	Core cleaner	1		X	X	X
18543-FY20-000	Gasket, air cleaner	1		X	X	X
90701-30003-002	O-gasket valve cover	2	X	X	X	X
90713-FYXF-000	O-gasket cover side hole upper	1	X	X	X	X
90727-FYXF-000	O-gasket cover side hole	1	X	X	X	X
E000002-FYIF3-0000	Spark plug	1			X	
90301-12020-15AL0	Gasket drain plug	1	X	X	X	X
	Engine oil SA 10W40	1	0.9 Liter	0.9 Liter	0.9 Liter	0.9 Liter
23682-FYIF3-000	Sprocket 16T	1	Replace if necessary			
GB/T894.1-17-0	Spline gear driven	1	Replace if necessary			
41201-FY20-000	Chain sprocket 428/46	1	Replace if necessary			
40520-FY20-000	Chain 428-112B	1	Replace if necessary			
V171030-FY20-0000	Front tire(tubeless, 90/80-16)	1	Replace if necessary			
V172030-FY20-0000	Rear tire(tubeless, 120/70-16)	1	Replace if necessary			

SERVICE DATA

Inspection plan						
I = Inspection, retighten, adjust, replace if necessary, or grease						
W= Change						
R = Clean						
S = Grease						
	Maintenance Kilometers	Delivery	1.000	4.000	8.000	12.000
	Months	NEW	1	4	8	12
Component Assembly	Servicing Tasks					
Valves	Check and adjust valves if necessary	I	I	I	I	I
Spark plug	Check condition and accordingly clean or replace	I	I	I	W	I
Air filter	Clean filter and housing		R	R	R	R
	Replace paper filter		I	W	W	W
Carburetor	Check and adjust idle and cold start	I	I	I	I	I
	Throttle cable	I	I	I	I	I
Fuel filter	Clean (petcock)		R	R	R	R
Fuel hoses	change at least every 4 years		I	I	I	I
Engine oil	Change (operating temperature)	I	W	W	W	W
Exhaust system	Check for leads and repair if necessary	I	I	I	I	I
Brakes	Check brake function and brake fluid	I	I	I	I	I
	Check and replace brake pads	I	I	W	W	W
	Adjust rear brake	I	I	I	I	I
Brake fluid	Change	change every 2 years				
Brake hoses	Check and renew min. every 4 years	I	I	I	I	I
Clutch	Check and adjust	I	I	I	I	I
Rear suspension	Check, retighten, replace if necessary	I	I	I	I	I
Tires	Check general condition and profile depth and replace as necessary	I	I	I	I	I
	Check air pressure	I	I	I	I	I
Wheels	Check for damage, balance	I	I	I	I	I
Steering and bearings	Check and adjust free play	I	I	I	I	I
Front forks	Check general condition as well as for leaks and repair if necessary	I	I	I	I	I
Chain	Check adjustment and condition and grease, adjust and renew if necessary	I/S	I/S	I/S	I/S	I/S
Side stand	Check, grease, repair if necessary	I/S	I/S	I/S	I/S	I/S
Nut and bolt tightness	Check tightened to the correct torque settings	I	I	I	I	I
Cables	Check for damage and smooth operation, if necessary replace	I	I	I	I	I
Headlight	Check and adjust	I	I	I	I	I
Battery	Check, recharge if necessary	I	I	I	I	I

GENERAL NOTES

Gaskets, seal rings and O-rings

- Gaskets, seal rings and O-rings must generally be replaced when overhauling the engine. The sealing faces must be thoroughly cleaned.

Lock washers and split pins

- After removal replace all lock washers (1) and split pins. After tightening the nut, lock washer (1) must be bent up against the side of the nut.

Bearings and radial seals

- When assembling bearings (1) make sure that manufacturer name or number point to the outside. Lubricate the bearings with oil.

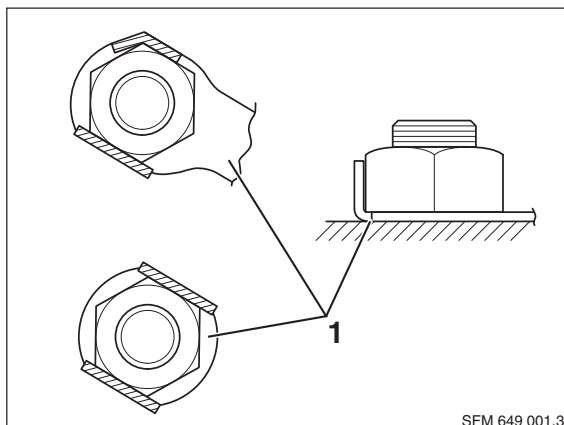
ATTENTION

Do not use compressed air to dry the bearings since this could damage the surface of the bearings.

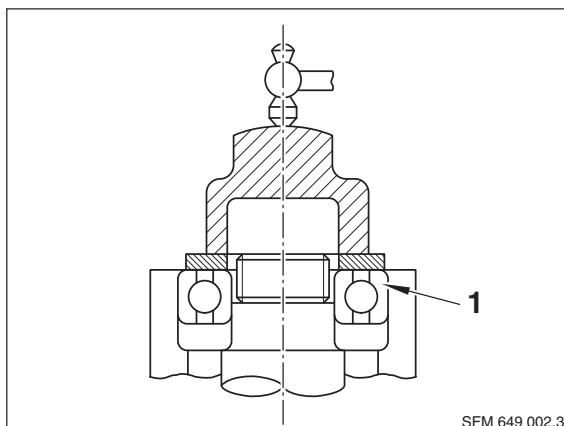
- When assembling radial seals (1) make sure that manufacturer name or number point to the outside. Apply a thin coat of light viscosity engine oil to the seal lips.

Circlips

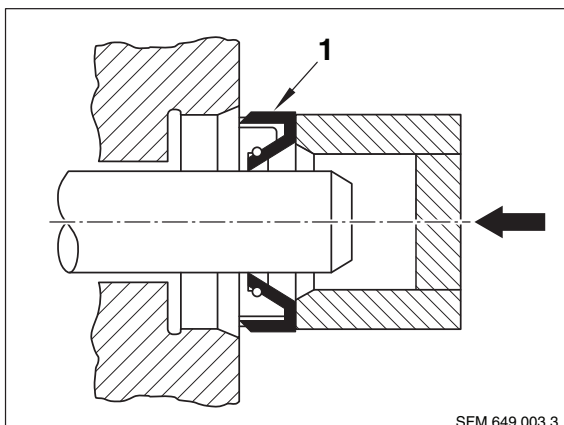
- Circlips must be thoroughly inspected before installation.
- Piston pin circlips must not be assembled again.
- Warped circlips must be renewed.
- When assembling a circlip (1) make sure that the sharp edged side (2) is positioned opposite the side subjected to the force (3) applied to the circlip. See cross-sectional drawing (4 = shaft).



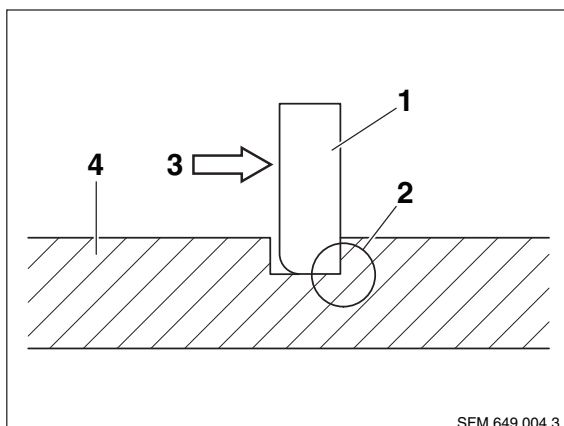
SFM 649 001.3



SFM 649 002.3



SFM 649 003.3



SFM 649 004.3