

# 12. FRONT WHEEL, SUSPENSION, STEERING

MAINTENANCE INFORMATION	12-1	FRONT WHEEL	12-6
TROUBLE SHOOTING- HANDLEBARS	12-2	FRONT FORKS	12-10
	12-3	STEERING STEMS	12-17

## MAINTENANCE INFORMATION

### Warnings:

- Raise front wheel and make sure that wheel can turn with minimal force. Also make sure there is nothing that can damage wheel
- Because tubeless tires have been fitted, take special care that there is no damage to tires and rims.
- When removing wheels from rims use special "tire levers" and "rim protectors"
- Regarding tubeless tire removal refer to Honda Motorcycle Tubeless Tire Service Manual No.6041551
- When replacing tires remove disc housing from wheel hub. When replacing tire balance wheel by adding disc plate.

Item		Standard	Service Limit
Front axle warp		_____	0.2mm
Front Wheel Rim Out	Radial	_____	2.0mm
	Axial	_____	2.0mm
Front cushion spring freeplay		291.5mm	285.7mm
Front fork pipe warp		_____	0.2mm
Front fork oil capacity	Total	383cc	_____
	Ttl Replacement	108mm	_____
Front fork air pressure		0-0.4kg/cm <sup>2</sup>	_____

## TORQUES

Handlebar bolts	2.4-3.0kg-m	Front fork socket bolt	1.5-2.5kg-m
Brake disc nut	1.4-1.6kg-m	Bottom bridge bolt	4.5-5.5kg-m
Front axle bolt	5.5-6.5kg-m	Top bridge bolt	0.9-1.3kg-m
Axle pinch bolt	1.5-2.0kg-m	Fork bolt	1.5-3.0kg-m
Caliper bracket bolt	2.4-3.0kg-m	Steering adjust. nut	2.3-2.7kg-m
Master cylinder holder bolt	1.0-1.4kg-m	Clutch lever holder	9.0-12.0kg-m 0.7-1.1kg-m

## TOOLS:

### Special Tools

Steering stem socket	07916-3710100	(1) Driver shaft body	07946-KM90300
Steering stem driver	07946-MB00000	(2) Assembly base	07946-KM90600
Fork seal driver	07947-4630100	(3) Driver attachment A	07946-KM90100
Ball race remover set [(1)-(6)]	07946-KM90000	(4) Driver attachment B	07946-KM90200
		(5) Bearing remover A	07946-KM90400
		(6) Bearing remover B	07946-KM90500