

## CHAPTER 1. GENERAL INFORMATION

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41 H.P. Compression 128 PSI to 171 PSI "spec"  
 Compression 8 to 1  
 Cruising speed 80 MPH  
 2nd carb cuts in about 50% throttle  
 Oil cooler not needed on the SRX



## GENERAL INFORMATION

### MOTORCYCLE IDENTIFICATION VEHICLE IDENTIFICATION NUMBER

The vehicle identification number ① is stamped into the right side of the steering head.

**NOTE:** \_\_\_\_\_

The vehicle identification number is used to identify your motorcycle and may be used to register your motorcycle with the licensing authority in your state.

**Starting Serial Number:**

SRX600S . . . . .JYA2EF00 \* GA000101

SRX600S (For California)

. . . . .JYA2EG00 \* GA000101



### ENGINE SERIAL NUMBER

The engine serial number ① is stamped into the right side of the engine.

**NOTE:** \_\_\_\_\_

The first three digits of these numbers are for model identifications; the remaining digits are the unit production number.

**Starting Serial Number:**

SRX600S . . . . .2EF-000101

SRX600SC (For California)

. . . . .2EG-000101

**NOTE:** \_\_\_\_\_

Designs and specifications are subject to change without notice.



**IMPORTANT INFORMATION**

**ALL REPLACEMENT PARTS**

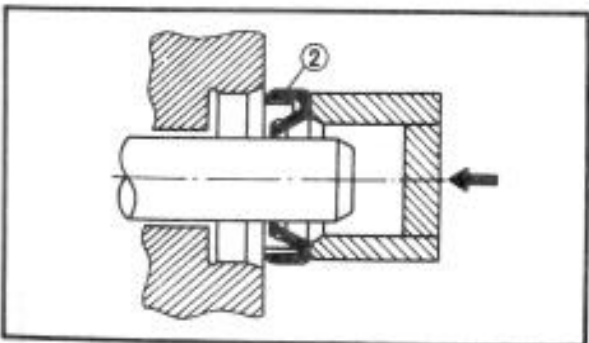
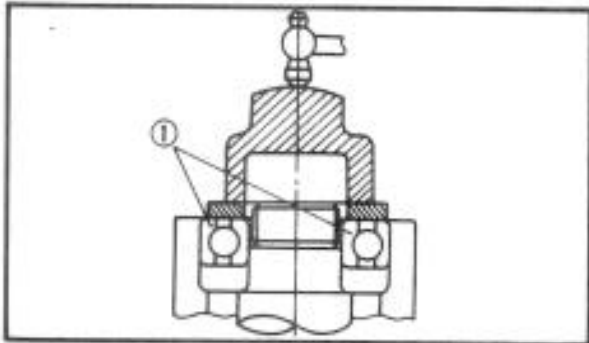
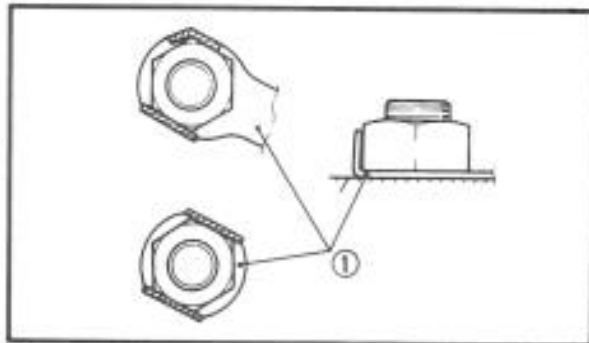
1. We recommend to use Yamaha genuine parts for all replacements. Use oil and/or grease recommended by Yamaha for assembly and adjustment.

**GASKETS, OIL SEALS, AND O-RINGS**

1. All gaskets, seals, and O-rings should be replaced when an engine is overhauled. All gasket surfaces, oil seal lips, and O-rings must be cleaned.
2. Properly oil all mating parts and bearings during reassembly. Apply grease to the oil seal lips.

**LOCK WASHERS/PLATES AND COTTER PINS**

1. All lock washers/plates ① and cotter pins must be replaced when they are removed. Lock tab(s) should be bent along the bolt or nut flat(s) after the bolt or nut has been properly tightened.

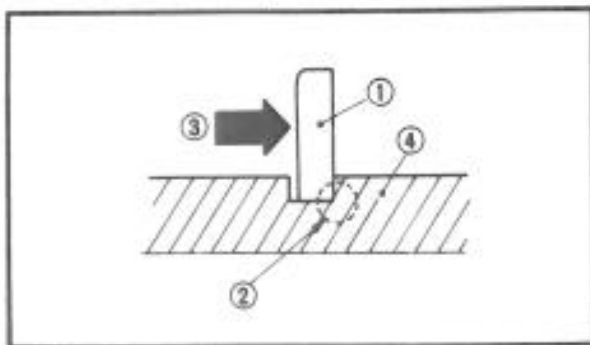


**BEARINGS AND OIL SEALS**

1. Install the bearing(s) ① and oil seal(s) ② with their manufacture's marks or numbers facing outward. (In other words, the stamped letters must be on the side exposed to view.) When installing oil seal(s), apply a light coating of light-weight lithium base grease to the seal lip(s). Oil the bearings liberally when installing.

**CAUTION:**

**Do not use compressed air to spin the bearings dry. This causes damage to the bearing surfaces.**



**CIRCLIPS**

1. All circlips should be inspected carefully before reassembly. Always replace piston pin clips after one use. Replace distorted circlips. When installing a circlip ①, make sure that the sharp-edged corner ② is positioned opposite to the thrust ③ it receives. See the sectional view.

④ Shaft

**SPECIAL TOOLS**

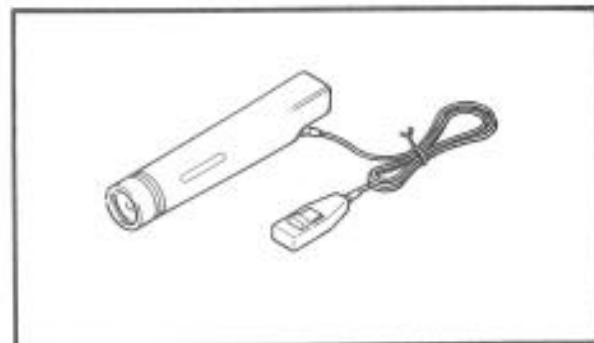
The proper special tools are necessary for complete and accurate tune-up and assembly. Using the correct special tool will help prevent damage caused by the use of improper tools or improvised techniques.



**FOR TUNE UP**

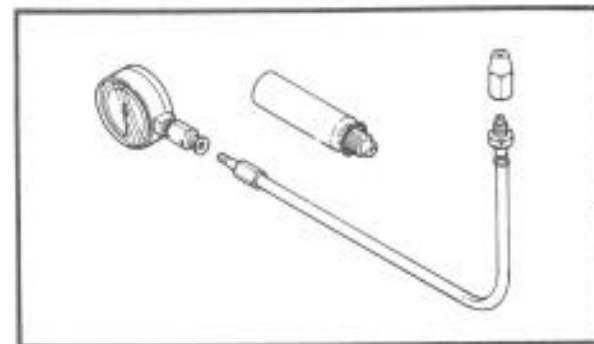
1. Inductive Tachometer  
P/N YU-08036

This tool is needed for detecting engine rpm.



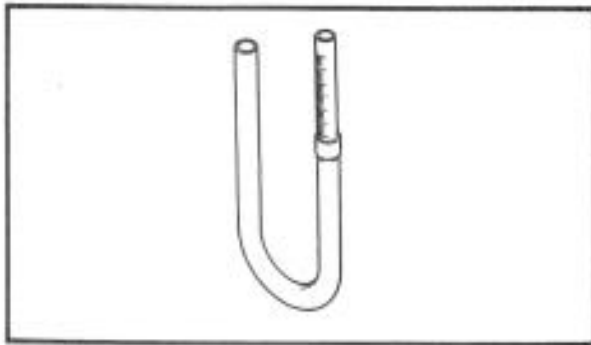
2. Inductive Timing Light  
P/N YM-33277

This tool is necessary for checking ignition timing.



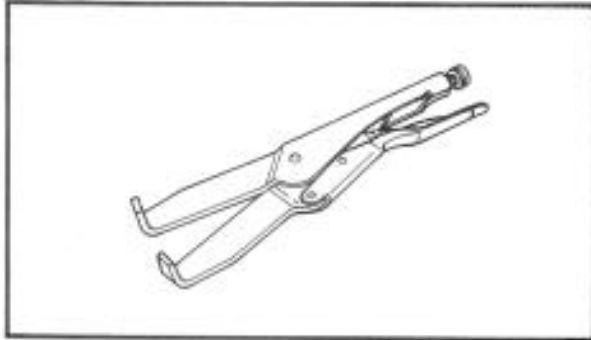
3. Compression Gauge  
P/N YU-33223

This gauge is used to measure the engine compression.



4. Fuel Level Gauge  
P/N YM-01312-A

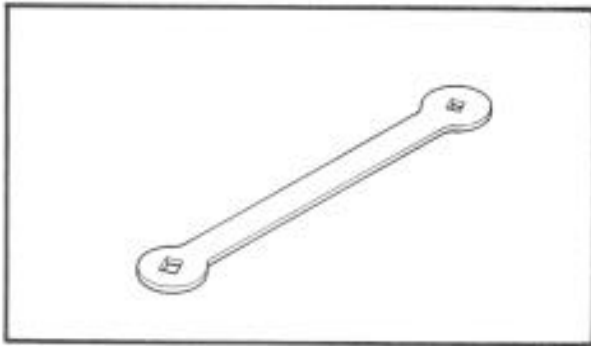
This gauge is used to measure the fuel level in the float chamber.



#### FOR ENGINE SERVICE

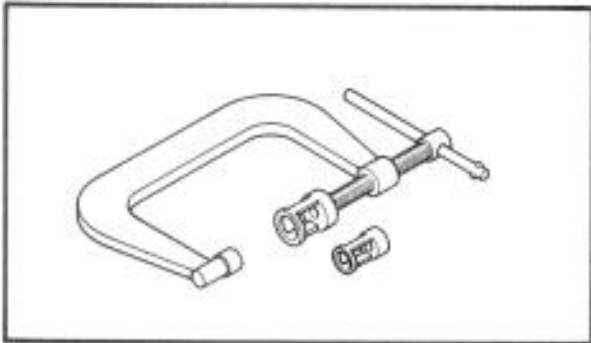
1. Universal Clutch Holder  
P/N YM-91042

This tool is used to hold the clutch when removing or installing the clutch boss locknut.



2. Valve Adjusting Tool  
P/N YM-08035

This tool is necessary for adjusting the valve clearance.



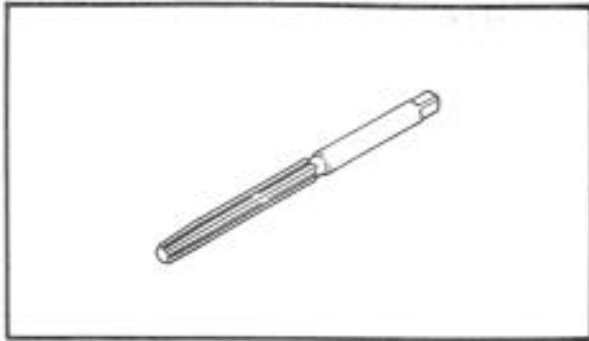
3. Valve Spring Compressor  
P/N YM-01253

This tool is needed to remove and install the valve assemblies.

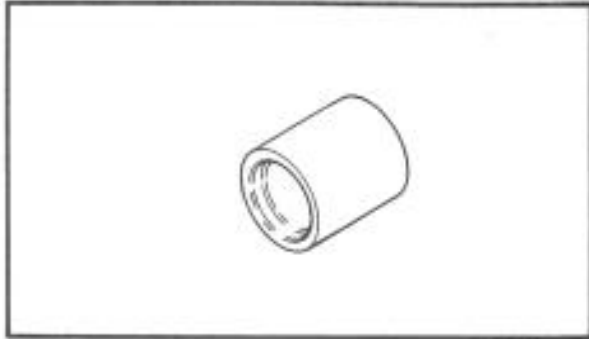


4. Valve Guide Remover (7.0 mm)  
P/N YM-01225

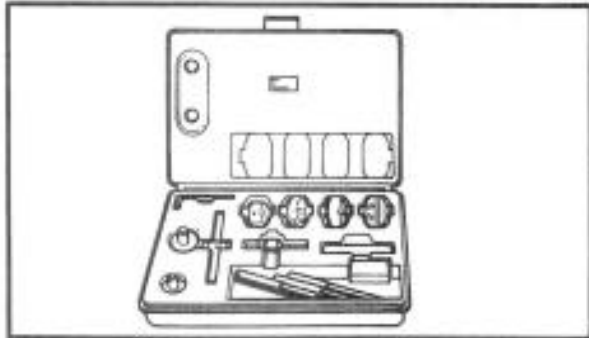
This tool is used to remove the valve guides.



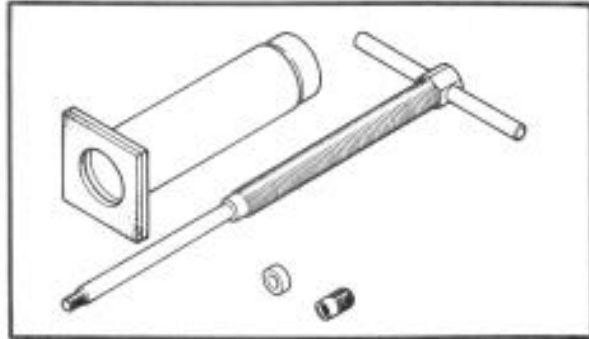
5. Valve Guide Reamer (7.0 mm)  
P/N YM-01227  
This tool is used to rebores the new valve guide.



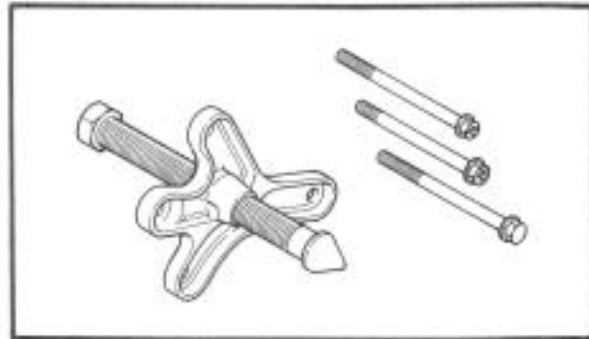
6. Valve Guide Installer  
P/N YM-04017  
This tool is needed to install the valve guides properly.



7. Valve Seat Cutter Set  
P/N YM-91043  
This tool is needed to resurface the valve seat.

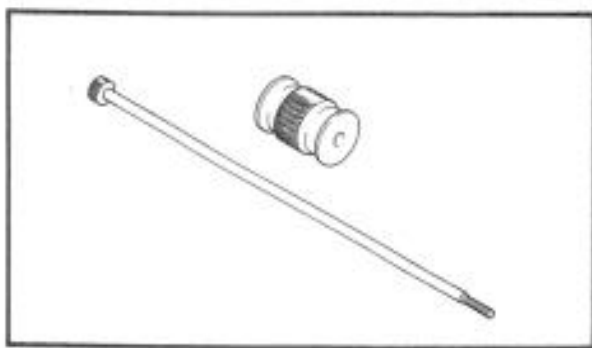
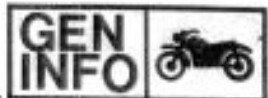


8. Piston Pin Puller  
P/N YU-01304  
This tool is used to remove the piston pin.



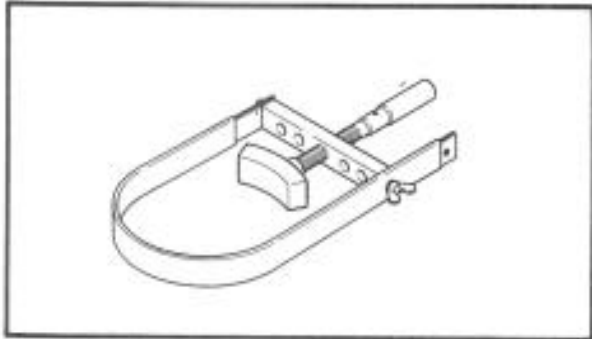
9. Flywheel Puller Set  
P/N YU-33270  
This tool is used to remove the CDI rotor.

## SPECIAL TOOLS



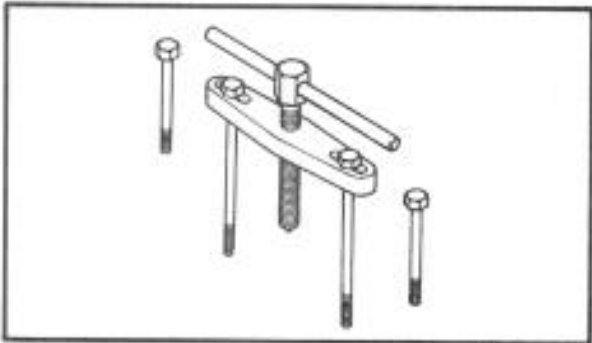
10. Slide Hammer Set  
P/N YU-01083

These tools are used to remove the rocker arm and rocker arm shaft.



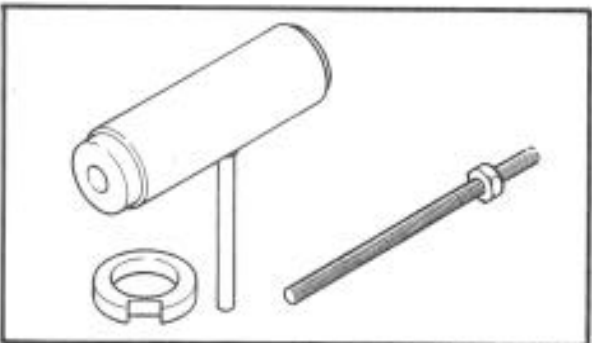
11. Sheave Holder  
P/N YS-01880

This tool is removing to hold the rotor when removing or installing the rotor securing nut.



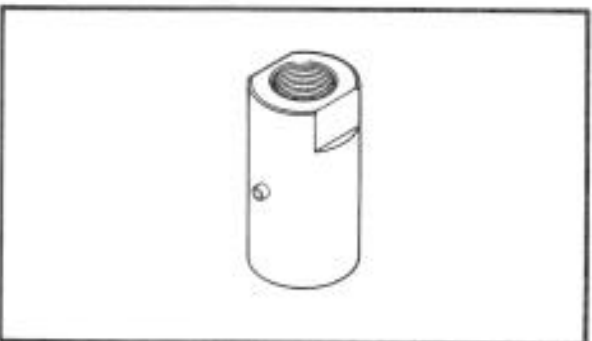
12. Crankcase Separating Tool  
P/N YU-01135

This tool is necessary to separate the crankcase.



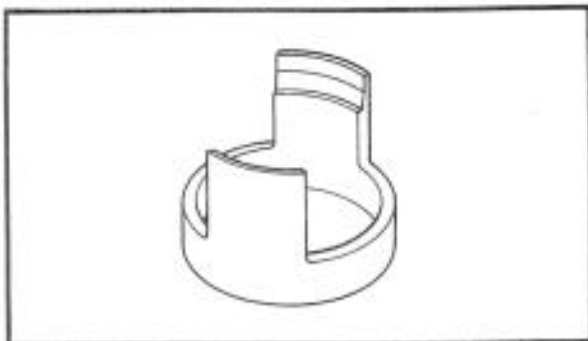
13. Crankshaft Installing Set  
P/N YU-90050

These tools are used to install the crankshaft.



14. Adapter #10 (M14)  
P/N YM-90069

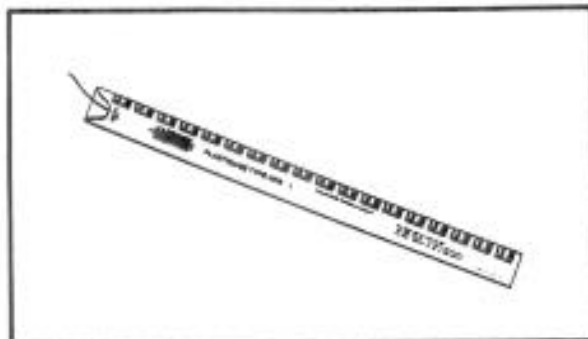
This tool is used to install the crankshaft.



**15. Crank Pot Spacer**

P/N YM-91044

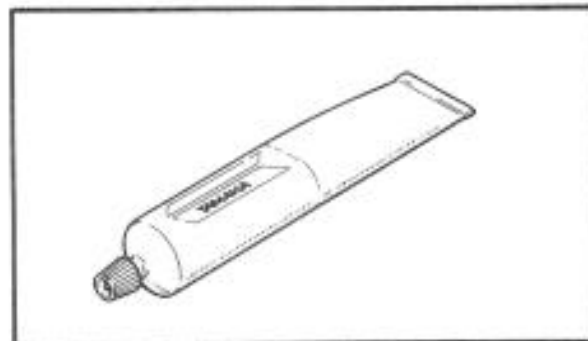
This tool is used to install the crankshaft.



**16. Plastigage® Set "Green"**

P/N YU-33210

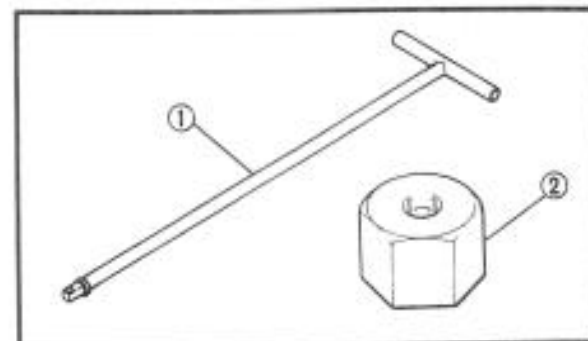
This gauge is needed to measure the clearance for the connecting rod bearing.



**17. Sealant (Quick Gasket®)**

P/N ACC-11001-05-01

This sealant (bond) is used for crankcase mating surfaces, etc.



**FOR CHASSIS SERVICE**

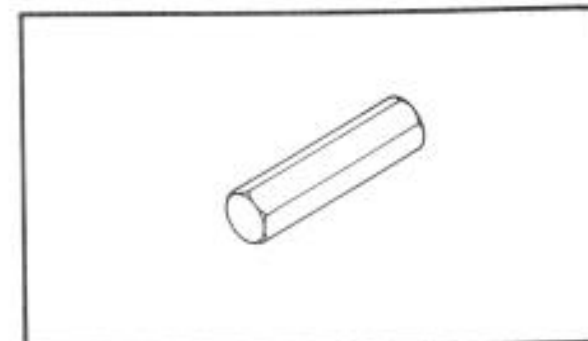
**1. T-Handle**

P/N YM-01326 – ①

Damper Rod Holder (22 mm)

P/N YM-33298 – ②

These tools are used to loosen and tighten the front fork cylinder holding bolt.

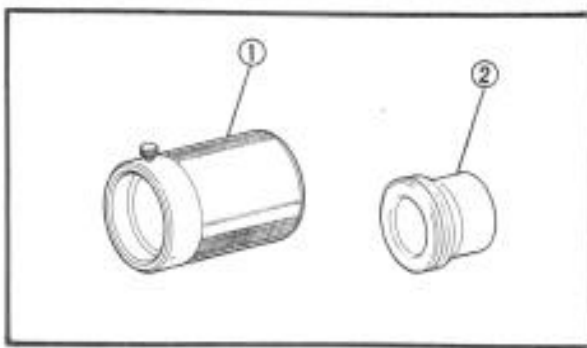


**2. Front Fork Cap Socket (17 mm)**

P/N YM-01104

This tool is needed when loosening and tightening the front fork cap bolt.





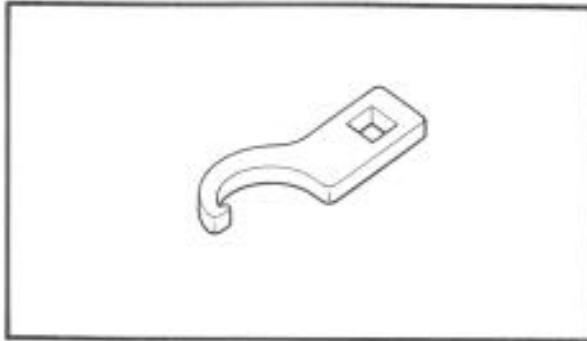
## 3. Front Fork Seal Driver (Weight)

P/N YM-33963 – ①

Adapter (36 mm)

P/N YM-08010 – ②

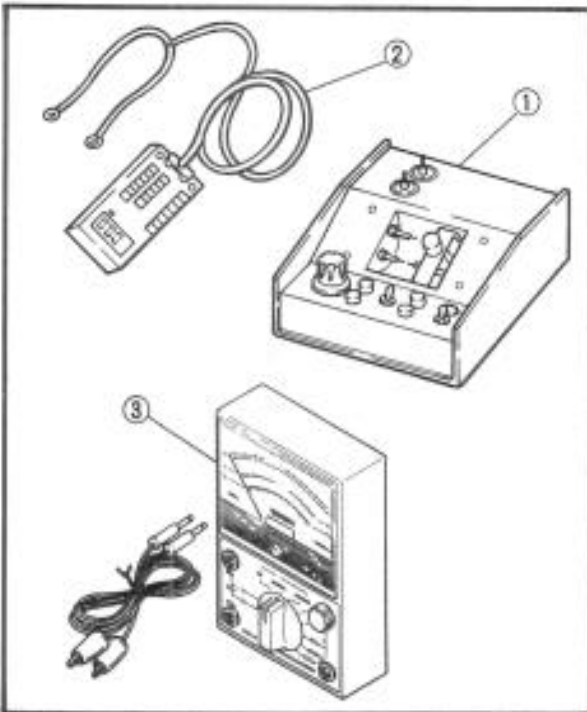
These tools are used when installing the fork seal.



## 4. Ring Nut Wrench

P/N YU-01268

This tool is used to loosen and tighten the steering ring nut.



## FOR ELECTRICAL COMPONENTS

## 1. Electro Tester

P/N YU-33260 – ①

This instrument is necessary for checking the ignition system components.

## 2. Pocket Tester

P/N YU-33263 – ② or YU-03112 – ③

This instrument is invaluable for checking the electrical system.