

“TEN”

AM AUTO RADIO

MODEL AR-532



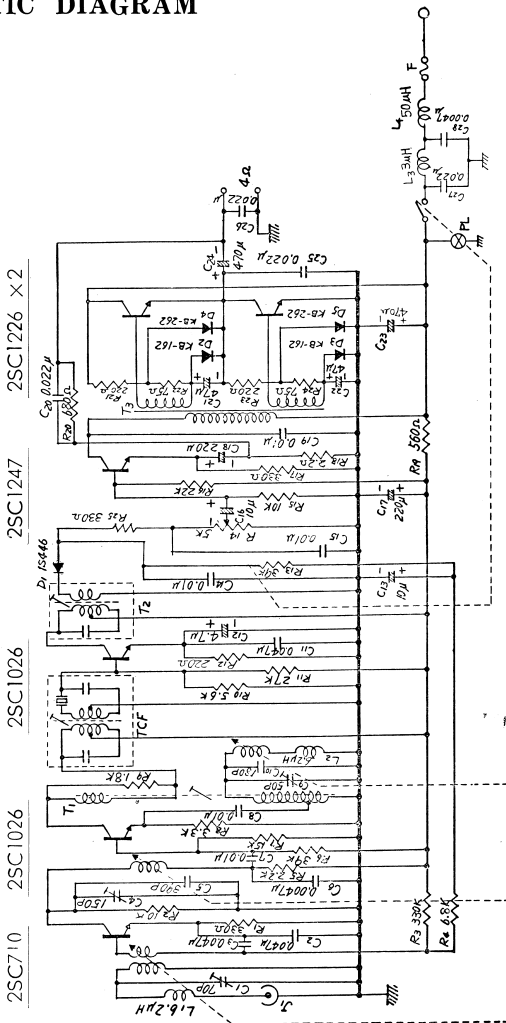
OWNER'S MANUAL AND INSTALLATION INSTRUCTIONS

DESIGNED FOR UNIVERSAL INSTALLATION
IN
12V/NEGATIVE GROUND VEHICLES



FUJITSU TEN LIMITED

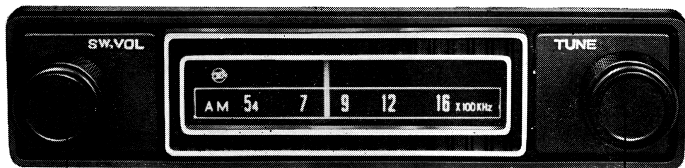
SCHEMATIC DIAGRAM



NOTE: Specifications subject to change without prior notice

FUJITSU TEN LIMITED
 KOBE, JAPAN

OPERATING INSTRUCTIONS



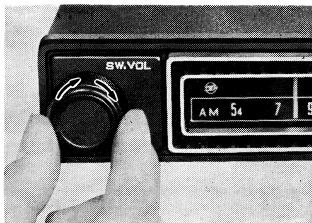
ON-OFF SWITCH & VOLUME CONTROL

MANUAL TUNING

OPERATION

1. "ON-OFF" SWITCH & VOLUME CONTROL

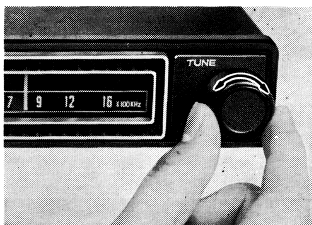
The "ON-OFF" switch and volume control are combined and controlled by the left knob. This radio features a rotary "ON-OFF" switch.



2. MANUAL TUNING

Turn the right knob until a desired station is received.

Precise tuning is essential for good tonal quality and static-free reception.



INSTALLATION PROCEDURE

Disconnect negative lead for battery to prevent short-circuit.

1. RADIO TUNER INSTALLATION

First, make sure this unit is suitable to the in-dash or under-dash installation according to the dashpanel, then follow the under-mentioned procedure.

IN-DASH INSTALLATION (Fig. 1)

- a) Remove hex. nuts, plate washers, decoration panel and trim bezel (RN-MES-51) from shafts by pulling off.
- b) Connect the bond cable (RN-EWJ-220) to left rear of the tuner with a screw (3×6mm).
- c) Insert the tuner in the instrument panel from behind.
It is important to insert the ferrules (RN-MWS-50) in each shaft in case the thickness of the instrument panel is less than 3 mm as shown in Fig. 1.
- d) Place the trim bezel (RN-MDH-62) and decoration panel (RN-MFP-51) and secure them with plate washers and hex. nuts.
- e) Connect another end of the bond cable to the firewall or car body for completely grounding the tuner.

UNDER-DASH INSTALLATION (Fig. 1)

- a) Position the tuner on lip of dash (under the dash), making sure the tuner is clear of all obstructions. Mark position of holes in front mounting brackets on lip of dash.
- b) Fix the front mounting brackets (RN-MBL-239) to the side of the radio tuner with screws with washers (4×8mm).
- c) Drill two 3.2 mm holes at the lip of the instrument panel in which to mount the radio tuner.
Secure the front mounting brackets to the instrument panel with plate washers and tapping screws (4×16mm).

2. SPEAKER INSTALLATION (Fig. 2)

Examine car to determine where speaker can be installed.

Some typical installation locations behind the dash are shown.

Remove dust cover from behind the speaker grille, if this is provided in car.

GENERAL INFORMATION

Model AR-532 is the universal in-dash or under-dash mini AM auto radio designed for use in cars having 12V and negative grounded battery.

OPERATING RECOMMENDATIONS

*Always switch the radio off when not in use.

Idle functioning will discharge the battery unnecessarily.

*Do not expose the radio to excessive humidity or water damage.

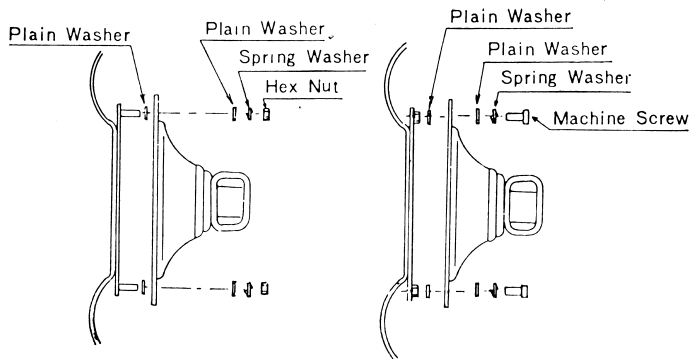
*It is recommended to extend antenna to the maximum length when stations are received in weak signal areas, such as behind high buildings, mountains or under viaducts.

In local areas, keep the antenna at minimum length to avoid unnecessary image frequency whistles.

*Use 1-ampere fuse. NO OTHER AMPERAGE ALLOWED.

SPECIFICATIONS

Receiving Frequency	535 to 1605 kHz
Intermediate Frequency	455 kHz
Audio Output	At least 3W
Speaker Impedance	4 ohms
Power Supply	12V negative grounding
Current Consumption	0.3A (at 0.5W output)
Transistors	6 transistors & 1 diode
Dimensions (W×H×D)	158×36×64.5mm
Weight	0.5 kg



TYPICAL SPEAKER INSTALLATION

Fig. 2

3. ANTENNA TRIMMER ADJUSTMENT

- a) Insert the special washer (RN-MWS-59) to the right side tuning shaft behind the knob.

Extend car antenna fully, turn the radio tuner on and tune in a weak station around 1400 kHz, then adjust antenna trimmer to get maximum volume, using special washer (RN-MWS-59).

ANTENNA TRIMMER MUST BE PROPERLY ADJUSTED FOR SATISFACTORY OPERATION OF RADIO TUNER.

- b) Finally, install knobs.

4. ELECTRICAL CONNECTIONS (Fig. 1)

- a) Plug the antenna lead-in into radio tuner.
- b) Connect speaker leads.
- c) Connect radio tuner power lead to accessory post of ignition switch or tab on fuse block.

5. NOISE SUPPRESSOR INSTALLATION

- a) Install noise suppressor condenser type RN-ECN-SR50F-16 between (+) terminal of ignition coil and chassis.
- b) Insert RN-ERN-S103-5 suppressor as near to distributor as possible between high voltage terminal of ignition coil and distributor.

RADIO TUNER POWER LEAD IS CONNECTED TO ACCESSORY SIDE OF IGNITION SWITCH OR FUSE BLOCK.

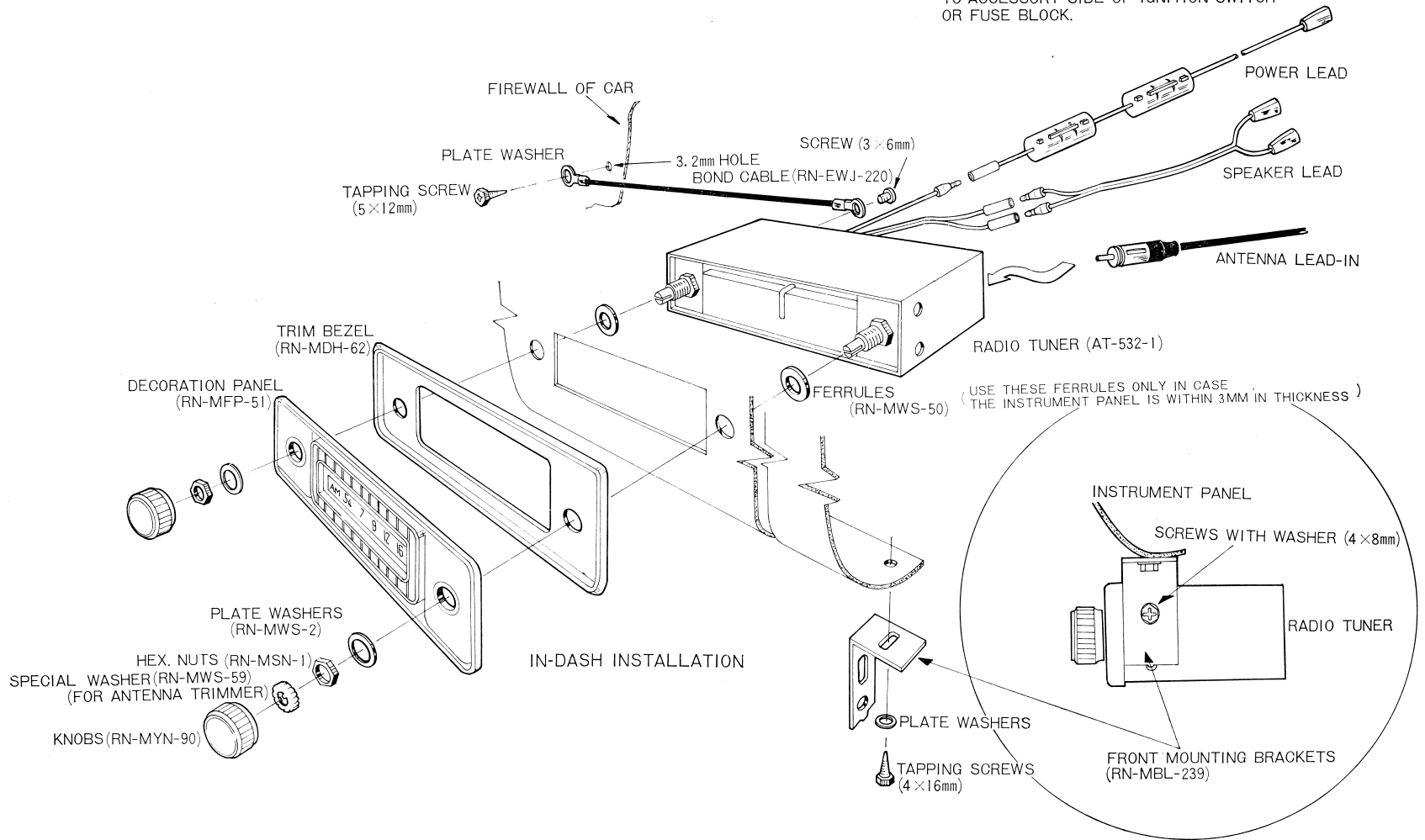


Fig. 1

Fig. 1