

AM AND AM/FM FENDER MOUNT RADIOS



JOHN DEERE

OPERATORS MANUAL AM AND AM/FM FENDER MOUNT RADIOS

OMTY20549 J2 English

JDM DIVISION
OMTY20549 J2

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ENGLISH



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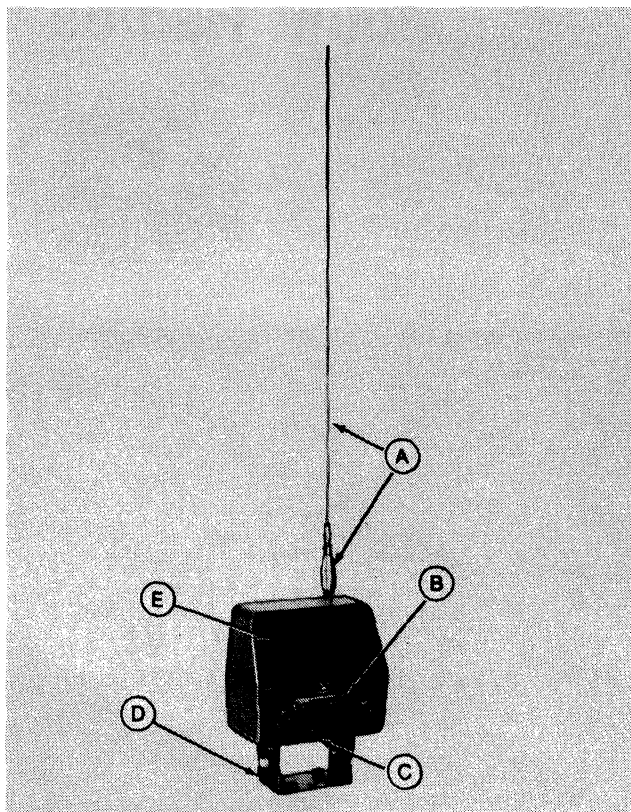


Introduction

Unauthorized modifications to the radio may impair the function and/or safety and affect radio life.

This operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.

- A - Antenna
- B - Radio
- C - Serial Number
- D - Mounting Bracket
- E - Speaker



TY6842

John Deere AM Fender Mount Radio

Record the model number and serial number of your radio in the space provided.

JOHN DEERE RADIO	
Model No.	_____
Serial No.	_____
Date of Purchase	_____

(To be filled in by purchaser.)

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Install the Radio

INSTALLING RADIO

1. Determine location for radio on right side fender. Using fender bracket as template, drill four 3/8-in. diameter holes in fender.

IMPORTANT: Before drilling be sure there are no electrical wires under fender.

2. Drill a 3/8-in. diameter hole directly over fender channel and smooth out edge of hole.

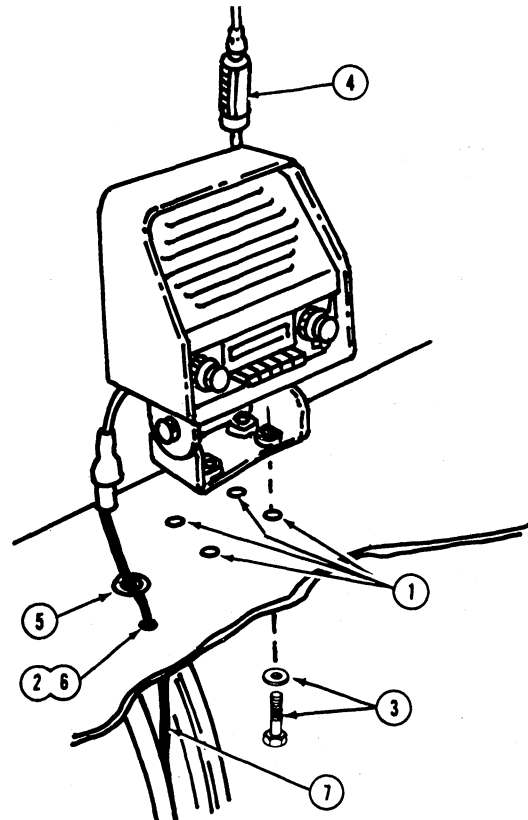
3. Attach radio bracket to fender with four 5/16 x 5/8-in screws and washers.

4. Attach antenna to base and secure with set screw.

5. Insert terminal end of lead wire through grommet.

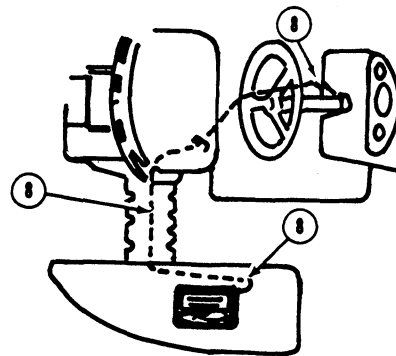
6. Place grommet into hole in fender and pull lead wire through grommet.

7. Route lead wire through fender channel.



2A4;TY6843 Y05;615 A 011082

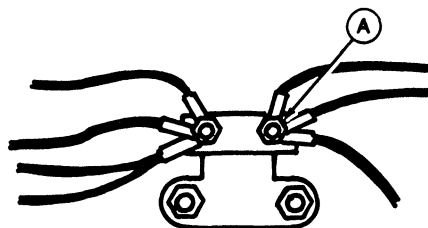
8. Route lead wire parallel to light leads to circuit breaker.



2A4;TY6844 Y05;615 A 011082

CONNECTING WIRE LEAD (12-Volt 1968 and Earlier)

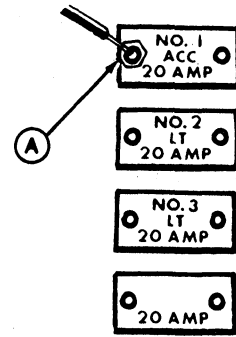
Remove nut on terminal (A) of circuit breaker with brown and blue wires attached. Connect eyelet of lead wire to terminal and fasten with nut.



2A4;TY6845 Y05;615 C 011082

CONNECTING WIRE LEAD (12-Volt 1969 and Later)

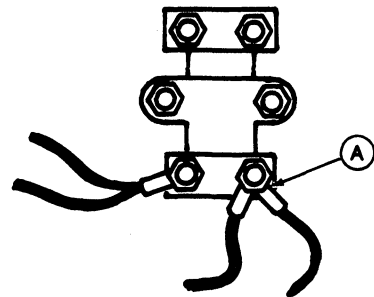
Remove nut on terminal (A) of No. 1 Accessory Circuit Breaker. Attach eyelet of lead wire to terminal and fasten with nut.



2A4;TV6846 Y05/615 D 011082

CONNECTING WIRE LEAD (24-Volts)

Remove nut on terminal (A) of circuit breaker where brown wire is attached. Connect eyelet of lead wire to terminal and fasten with nut.



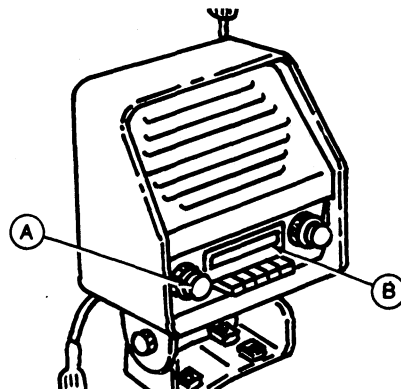
2A4;TV6847 Y05/615 E 011082

Operate the Radio

ADJUSTING ANTENNA TRIMMER

NOTE: Antenna must be attached to make the following adjustment.

1. Turn ON-OFF and Volume Control (A) to the right to turn radio on.
2. (AM/FM Only) Set AM/FM Band Switch on AM band.
3. Tune in a weak station around 1400 KHZ.
4. Adjust Antenna Trimmer (B) with screwdriver 1/16-in. or smaller for maximum volume.

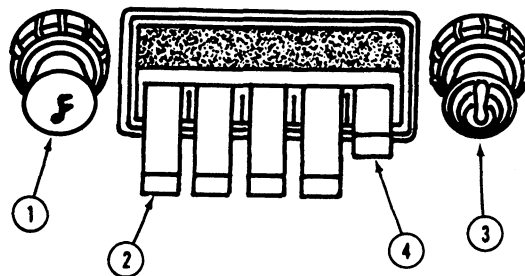


2A4;TV6848 Y05;60P A 011082

SETTING PUSH BUTTONS

NOTE: Antenna must be attached to make the following adjustment.

1. Turn radio on.
2. Pull push buttons out.
3. Tune in desired station with tuning control.
4. Push one button in to lock in desired station.
5. Repeat steps 3 and 4 for remaining four buttons.



2A4;TV6856 Y05;60P B 011082

Trouble Shooting

Trouble	Possible Cause	Remedy	Page
Radio not operating	Ignition switch in "OFF" position.	Turn key "ON".	4
	Bad fuse.	Replace fuse.	6
	Poor connection to circuit breaker.	Check and secure connection to circuit breaker.	2-3
Poor Reception	Station improperly tuned in.	Tune station with tuning control.	4
	Push button improperly set.	Set push buttons.	
	Antenna Trimmer improperly adjusted.	Adjust Antenna Trimmer. . .	4
	Bad antenna.	Replace antenna.	_____
	Bad speaker.	Replace speaker.	6

Service

REPLACING FUSE

1. Disconnect fuse holder by pushing inward and turning.
2. Insert new 5-amp fuse in fuse holder
3. Connect fuse holder.

2A4; Y05/65E A 011082

REPLACING SPEAKER

1. Remove 5/16-in. nut and ground wire from upper right corner.

2. Remove four 5/16-in. nuts from corners of speaker.

NOTE: Before removing wires, identify location of each wire.

3. Remove wires from speaker using a soldering gun.
4. Secure PT5853 speaker with four 5/16-in. nuts.
5. Attach ground wire in upper right corner with 5/16-in. nut.
6. Solder wires to speaker terminals.

2A4; Y05/65E B 011082

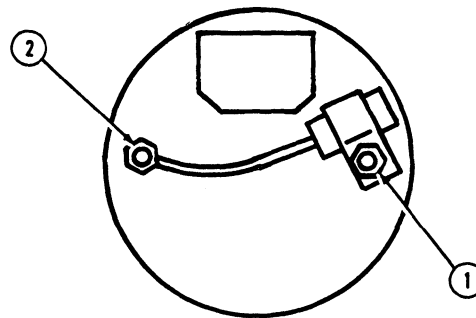
NOTE: A capacitor is only needed when static exists in radio reception.

INSTALLING CAPACITOR (Alternator Without Regulator Attached)

1. Fasten capacitor bracket to ground terminal using existing nut.

IMPORTANT: If insulated washer is present, install bracket under washer.

2. Fasten wire eyelet to regulator terminal using existing nut.

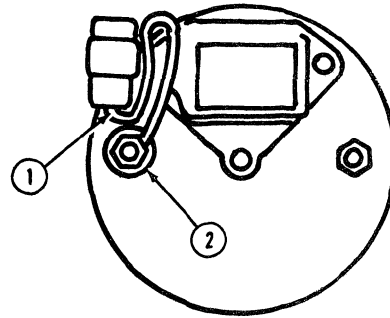


2A4;TY6849 Y05/65E C 011082

INSTALLING CAPACITOR (Alternator With Regulator Attached)

1. Fasten capacitor bracket to existing regulator mounting screw.
2. Loop capacitor lead and fasten wire eyelet to auxiliary terminal using existing nut.

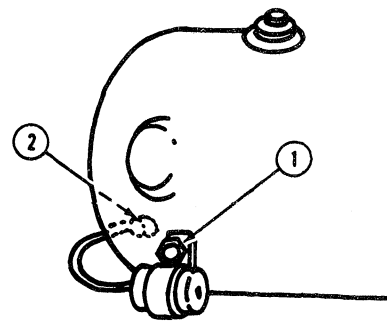
IMPORTANT: Do not fasten eyelet under insulating washer.



2A4:TY6850 Y05:6SE D 011082

INSTALLING CAPACITOR (24-Volt Generator)

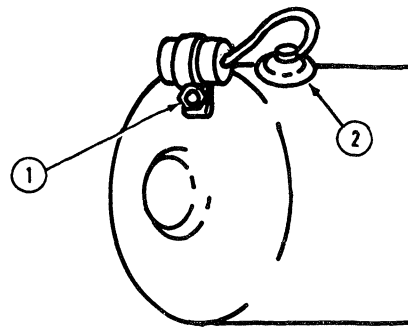
1. Fasten bracket to generator with existing frame screw.
2. Fasten wire eyelet to A2 armature terminal.



2A4:TY6851 Y05:6SE E 011082

INSTALLING CAPACITOR (12-Volt Generator)

1. Fasten bracket to generator with existing frame screw.
2. Fasten wire eyelet to armature terminal.



2A4:TY6852 Y05:6SE F 011082

Specifications

Supply Voltage	11 to 16 Volts
Maximum Output	15 Watts
Impedance	5.9 ohms
Speaker Size	4 x 8 in. (101.6 mm x 203.2 mm)
Tuning Range	540 kHz to 1610 kHz (AM) 87.5 mHz to 108.5 mHz (FM)
Antenna Length	38-1/2 in. (977.9 mm)

(Specifications and design subject to change without notice.)

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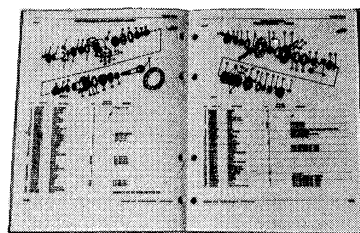
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