



Meeting
Customer
Needs

Product Services Information

INSTALLATION INSTRUCTIONS

AM106619, M78740

M78740 (APR 88)

**AM106619 OIL COOLER KIT FOR
322 AND 332 TRACTORS**

PARTS IN KIT (AM106619)

- Oil Cooler
- Oil Line (long)
- Oil Line (short)
- Hose, Fluid
- Conduit
- Hose Clamps (4)
- No. 10 Hex Screws (2)
- Washers (2)
- Grommets, Plastic (2)
- Tie Straps (3)

INSTALLING KIT

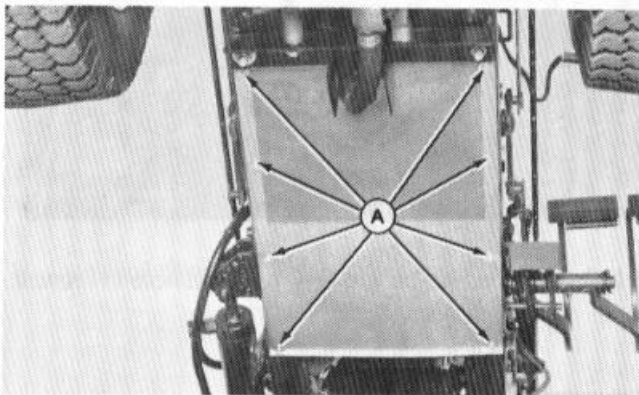
1. Park on level surface.



CAUTION: Do not smoke when you remove fuel tank. Keep sparks and flames away from fuel tank.

2. Remove fender deck and fuel tank. (See TM-1345, Section 30, Group 5.)

3. Remove mower deck. (See Removal section in your service shop copy of mower operator's manual.)

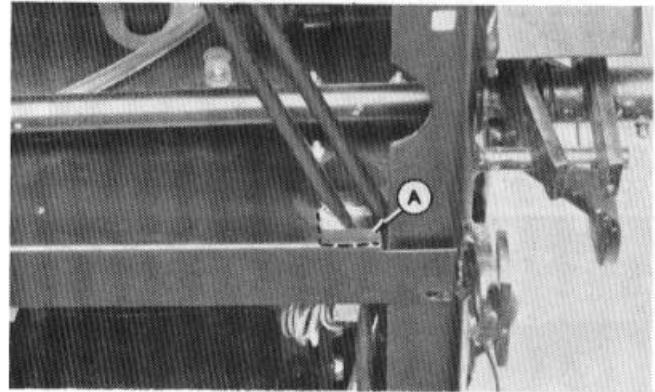


4. Remove bottom screen by removing bolts (A).

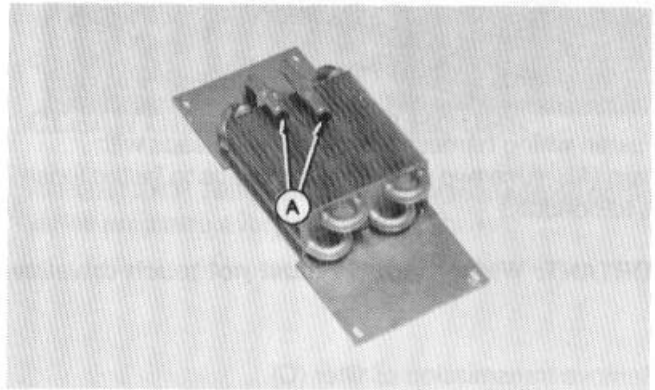


CAUTION: Allow transmission to cool before you drain transmission.

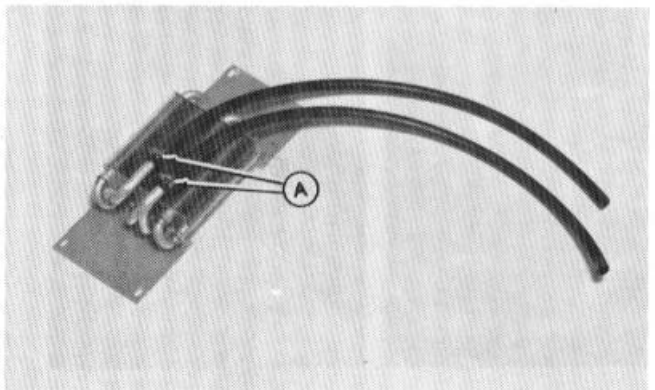
5. Drain transmission. (See TM-1345, Section 50, Group 10.)



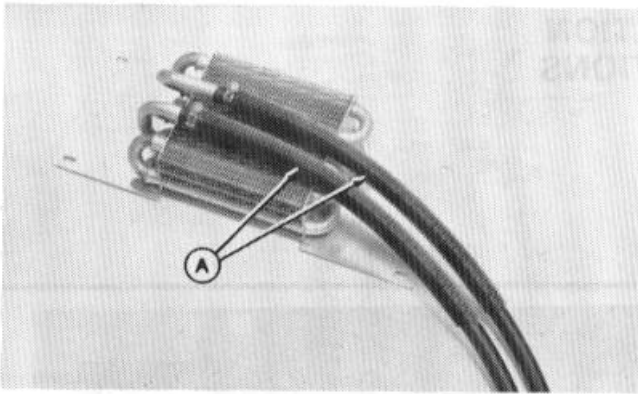
6. Tractor with serial number M479450 and below: Cut hole (A) in right side of firewall as shown.



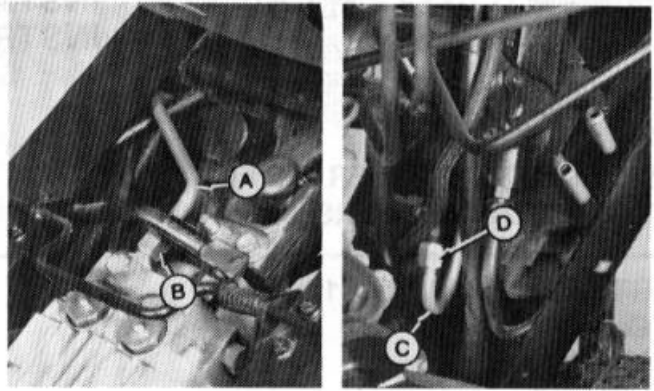
7. Remove plugs (A) in oil cooler.



8. Install hoses on oil cooler:
 - Cut hose in two equal pieces.
 - Install hoses on oil cooler and fasten them with clamps (A).

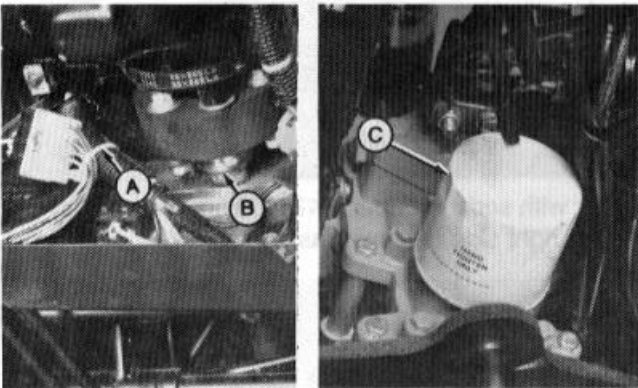


9. Install conduit (A):
 -Cut conduit in two equal pieces.
 -Put conduit over hoses up to clamps



14. Install long oil line (A) from kit to transmission with coupler (B).

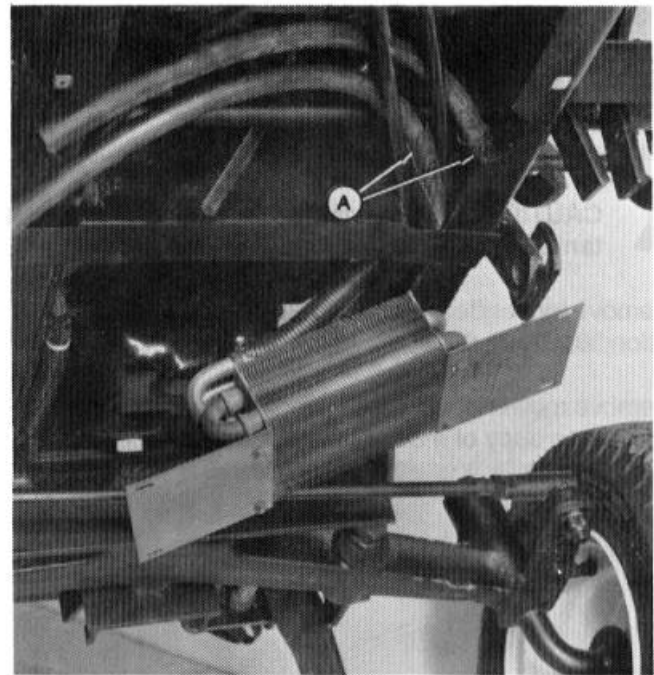
15. Install short oil line (C) from kit to rear tee fitting on SCV with coupler (D).



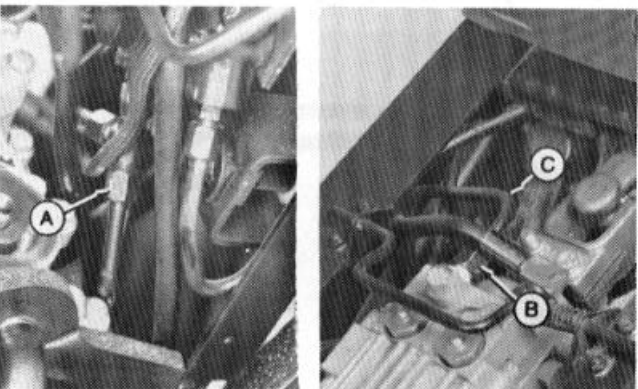
10. Fasten wiring harness to module wire leads with tie strap (A). (Use two remaining tie straps to fasten loose wires to conduit.)

IMPORTANT: Wiring harness must not touch driveline (B).

11. Remove transmission oil filter (C).

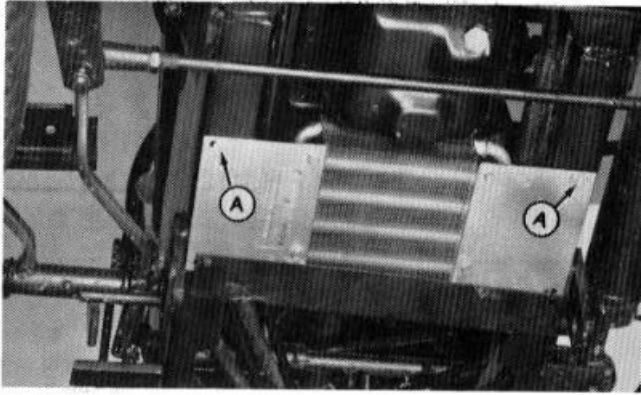


16. Install hoses and conduit (A) through hole in firewall.



12. Disconnect coupler (A).

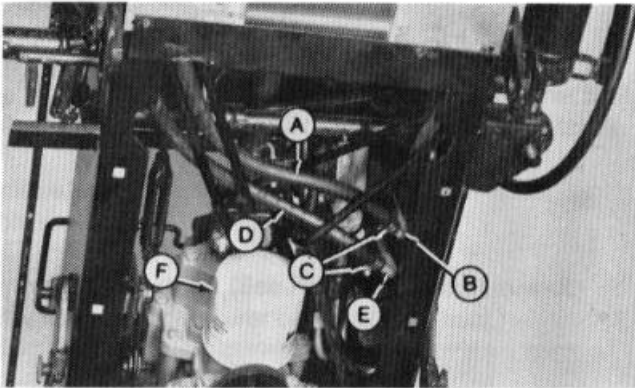
13. Disconnect coupler (B) and remove oil line (C).



17. Install oil cooler:

- Install plastic grommets from kit in holes.
- Fasten oil cooler with two screws (A) removed in Step 4.

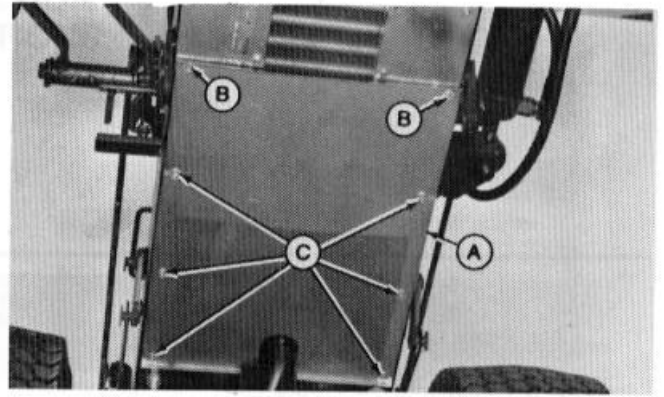
IMPORTANT: Wiring harness must not touch driveline. Move wires as needed. See Step 10.



18. Install hoses from oil cooler on oil lines:

- Put hose (A) on oil line (B) and fasten it with clamp (C).
- Put hose (D) on oil line (E) and fasten it with clamp.

19. Install oil filter (F) on transmission.



20. Install screen (A) and fasten it with two no. 10 screws and washers (B) from kit and screws (C) removed in Step 4.

21. Install fuel tank and fender deck. See Step 2.

22. Put hydrostatic fluid in transmission. See your service shop copy of tractor operator's manual.

CHECK: Run tractor for short period of time. Check for leaks.

23. Install mower. (See Removal section in your service shop copy of mower operator's manual.)

CLEAN OIL COOLER: 50 HOURS

IMPORTANT: Tell owner/operator to clean oil cooler with water pressure every 50 hours.