

KAWASAKI ENGINE REPAIR—USE CTM-5

For complete repair information the component technical manual (CTM) is also required.

Use the component manual in conjunction with this machine manual.



M21,2005S,A1 -19-18APR88

TS225

20-05-1

OTHER MATERIAL

| Number | Name | Use |
|--------|--------------------------|----------------------|
| PT569 | NEVER-SEEZ® Lubricant | Lubricate crankshaft |

NEVER-SEEZ is a trademark of the Never-Seez Corp.

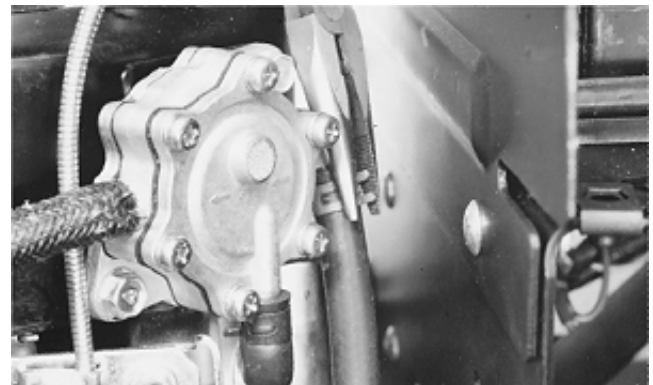
M21,2005S,X -19-20JAN86

REMOVE AND INSTALL ENGINE—130

1. Remove hood, muffler and pedestal shroud.

⚠ CAUTION: Gasoline is dangerous. Avoid fires due to smoking or careless maintenance practices.

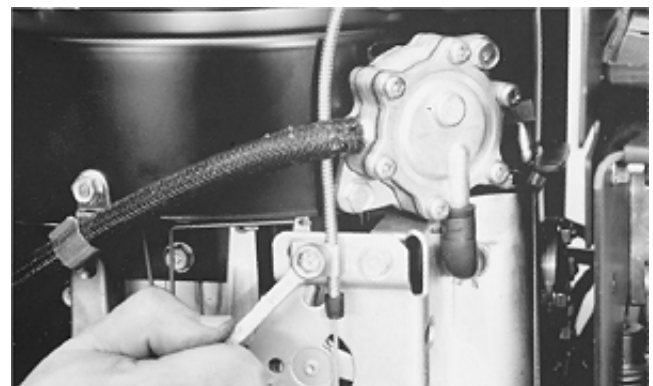
2. Close fuel shut-off valve. Disconnect fuel line.



M21,2005S,A2 -19-18APR88

M50205

3. Loosen cap screw and disconnect throttle cable.

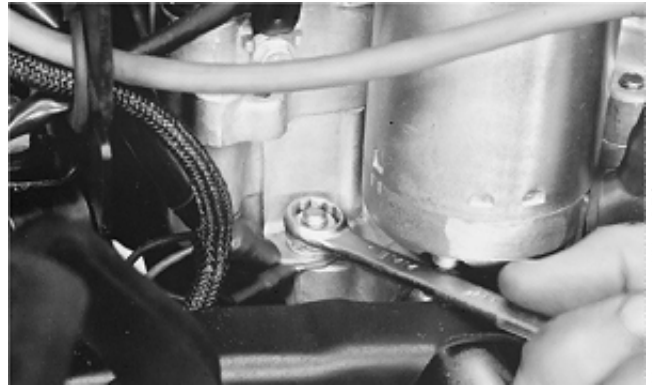


M21,2005S,A3 -19-18APR88

M50206

Remove and Install/Remove and Install Engine

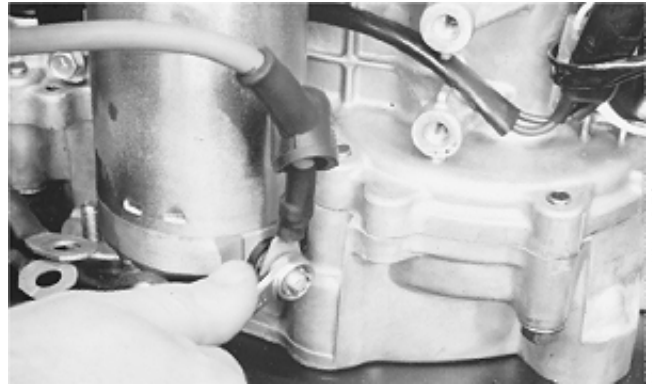
4. Disconnect two wires from ground terminal on right-hand side of engine.



M21,2005S,A4 -19-18APR88

M50207
-UN-22DEC89

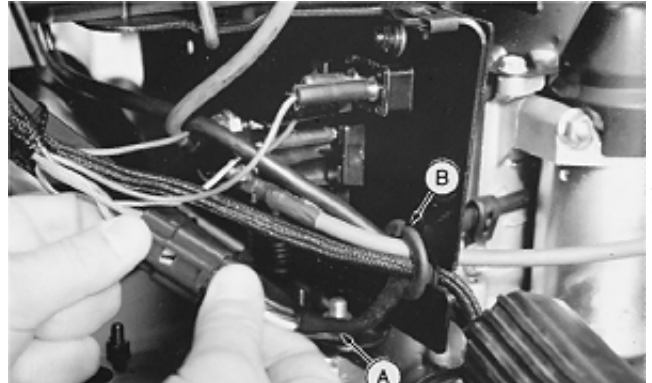
5. Disconnect wire from starter.



M21,2005S,A5 -19-18APR88

M50208
-UN-22DEC89

6. Disconnect ignition wire (A) and remove wire from grommet (B).



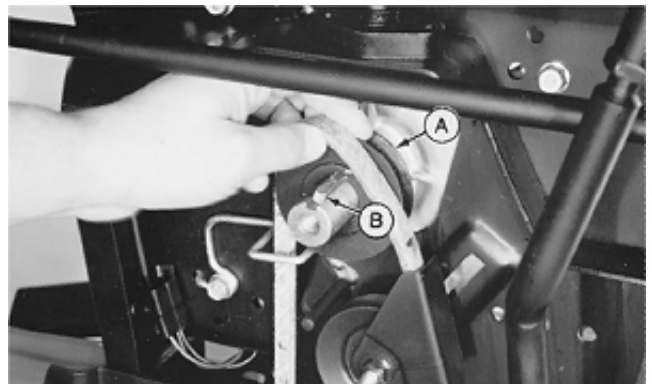
M21,2005S,A6 -19-18APR88

M50209
-UN-22DEC89

7. Remove electric PTO clutch. (See Section 40, Group 05.)

8. Depress clutch pedal and remove belt from idler wheel and drive sheave.

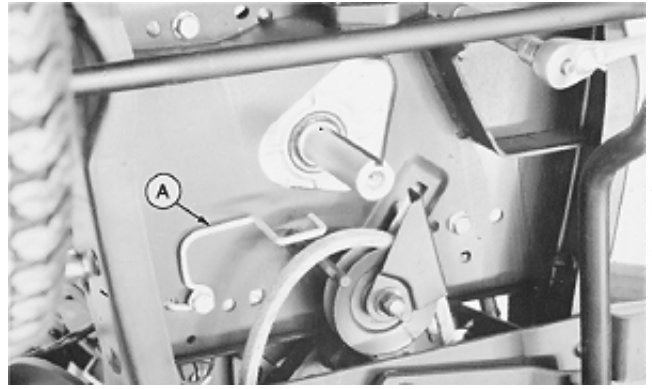
9. Remove drive sheave (A) and key (B).



M21,2005S,A7 -19-18APR88

M50210
-UN-22DEC89

10. Remove four engine mounting cap screws and belt guide (A).



M21,2005S,A8 -19-18APR88

M50211 -UN-22DEC89

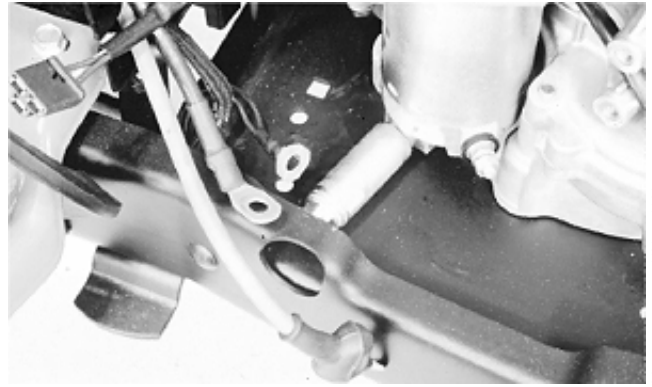
3520

11. Rotate engine to clear oil drain from hole in frame and remove engine.

12. When installing engine, apply NEVER-SEEZE lubricant to crankshaft before installing drive sheave.

13. Tighten PTO clutch mounting cap screw to 56 N·m (45 lb-ft).

14. Adjust throttle cable, choke, governor, fast idle and slow idle. (See Section 220.)



M21,2005S,A9 -19-13MAY88

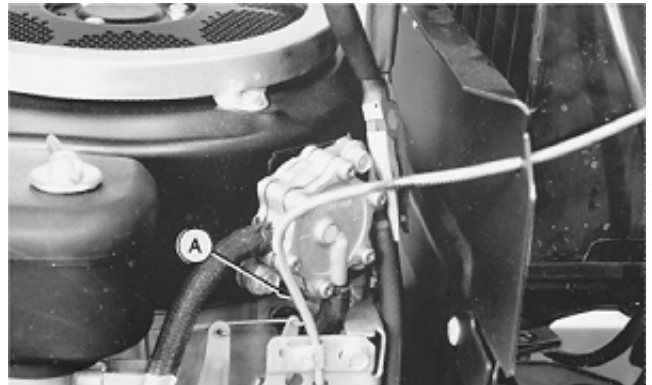
M50212 -UN-29JAN90

REMOVE AND INSTALL ENGINE—160 AND 165

1. Remove hood, muffler and pedestal shroud.

⚠ CAUTION: Gasoline is dangerous. Avoid fires due to smoking or careless maintenance practices.

2. Close fuel shut-off valve. Disconnect fuel line.
3. Disconnect throttle cable (A).

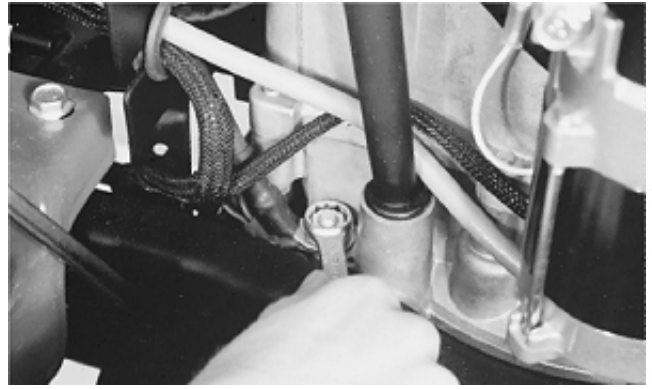


M21,2005S,A10 -19-18APR88

M50220 -UN-22DEC89

Remove and Install/Remove and Install Engine

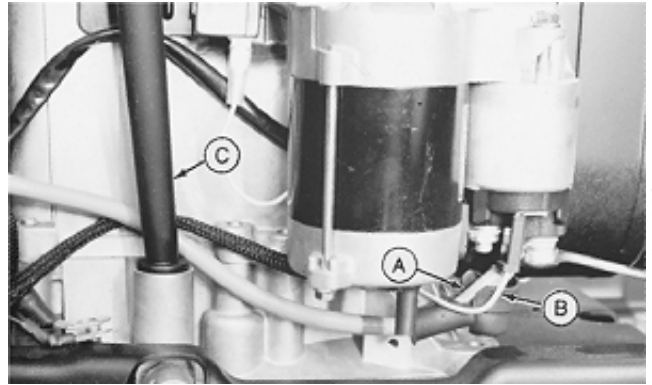
4. Disconnect two wires from ground terminal on right-hand side of engine.



M21,2005S,A11 -19-18APR88

M50221 -UN-22DEC89

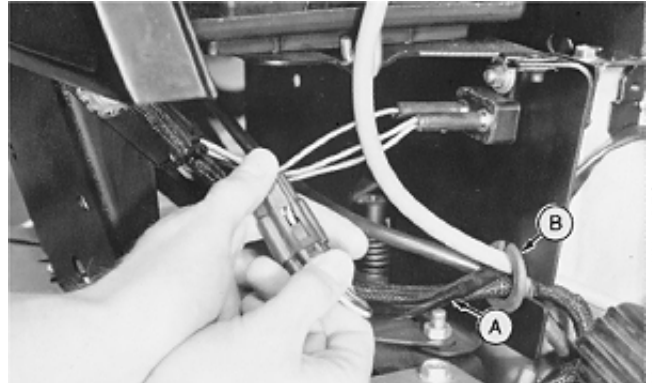
5. Disconnect wires (A and B). Remove wires from behind oil fill tube (C).



M21,2005S,A12 -19-18APR88

M50222 -UN-22DEC89

6. Disconnect ignition wire (A) and remove wire from grommet (B).



M21,2005S,A13 -19-18APR88

M50223 -UN-22DEC89

20
05
4



Suggest:

If the above button click is invalid.

Please download this document

first, and then click the above link

to download the complete manual.

Thank you so much for reading