



Service Manual

262C2 SKID STEER LOADER

TMW00001-UP

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Product: SKID STEER LOADER

Model: 262C2 SKID STEER LOADER TMW

Configuration: 262C2 Skid Steer Loader TMW00001-UP (MACHINE) POWERED BY C3.4 Engine

Disassembly and Assembly

236B, 246B, 246C, 252B, 256C,

262B, 262C, 262C2 and 272C

Skid Steer Loaders Engine Supplement

Media Number -KENR5114-03

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i02710736

Engine - Install

SMCS - 1000-012

S/N - RED1-UP

S/N - TMW1-UP

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-9200	Lever Puller Hoist	1
	138-7575	Link Bracket	1
B	304-8950	Tube As	1
C	304-8951	Trolley	1
D	305-0041	Base As	1
E	8S-7631	Tube	1
	8S-7615	Pin	1
	8S-7640	Stand	1
F	1U-9200	Lever Puller Hoist	1
	189-0863	Shackle As	1
G	138-7573	Lever Puller Hoist	1

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

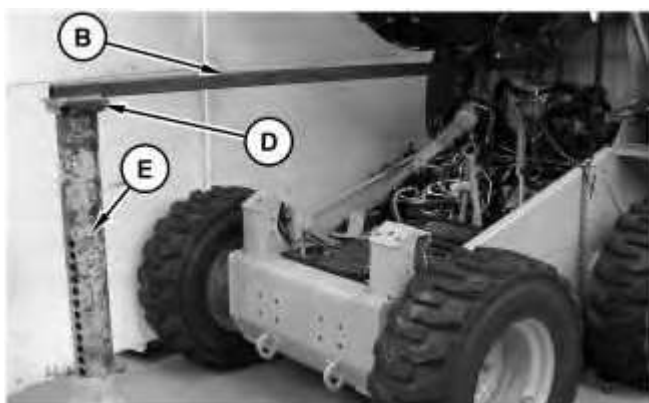


Illustration 1

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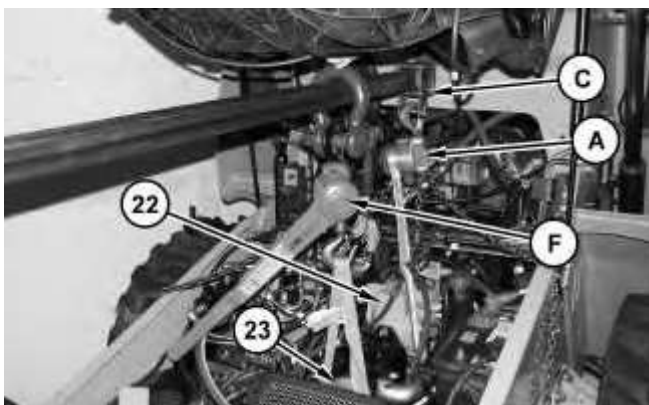


Illustration 2

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1. Install trolley (C) onto tube assembly (B). Attach tube assembly (B) to the machine. Tube assembly (B) will attach to the machine at the location of the bracket for the hydraulic tank. Position the other end of tube assembly (B) and base (D) onto Tooling (E) .
2. Attach Tooling (A) to trolley (C) and to piston pump (22). Attach Tooling (F) to tube assembly (B) and to gear pump (23). The combined weight of the pumps is approximately 118 kg (260 lb). Apply a slight lifting tension.

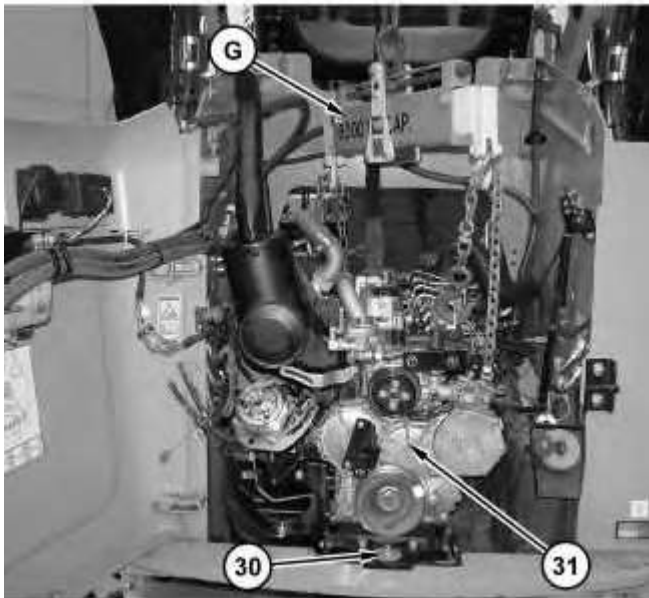


Illustration 3

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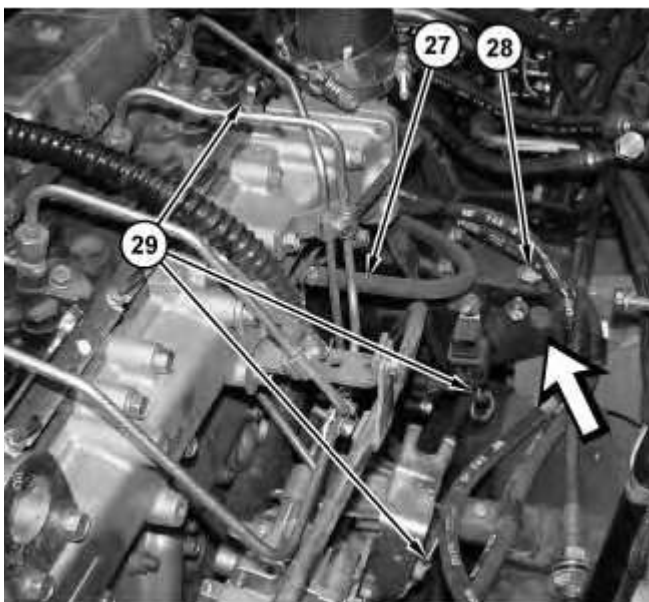


Illustration 4

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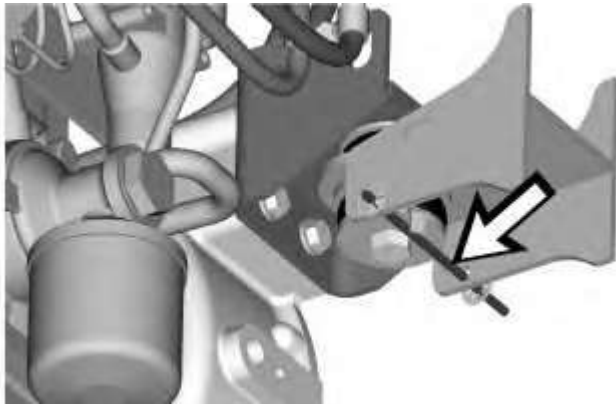


Illustration 5

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3. Attach Tooling (G) and a suitable lifting device to engine (31). The weight of engine (31) is approximately 340 kg (750 lb).
4. Use Tooling (G) and the suitable lifting device in order to position engine (31) into the machine.

Note: Ensure that the splines for the pump drive coupling and the pumps are aligned.

5. A nylon rod is assembled into the mounting bracket. The rod will prevent the mounting bolts from turning when the nuts are tightened.
6. Install bolts (28) and nuts to each side of engine (31) .
7. Install bolt (30). Tighten bolt (30) to a torque of $90 \pm 10 \text{ N}\cdot\text{m}$ ($66 \pm 7 \text{ lb ft}$).
8. Connect harness assemblies (29) .
9. Connect hose (27) .



Illustration 6

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10. Install pump mounting bolts (26).
11. Remove all of the Tooling that was used to support the pumps.

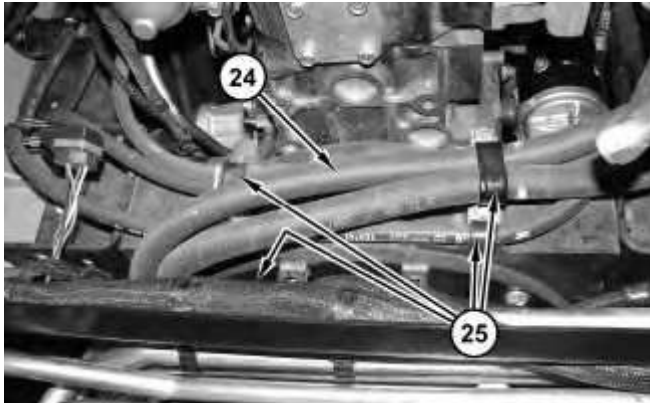


Illustration 7

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12. Position hoses (24). Install all clamps (25) that are securing hoses (24) to the engine.

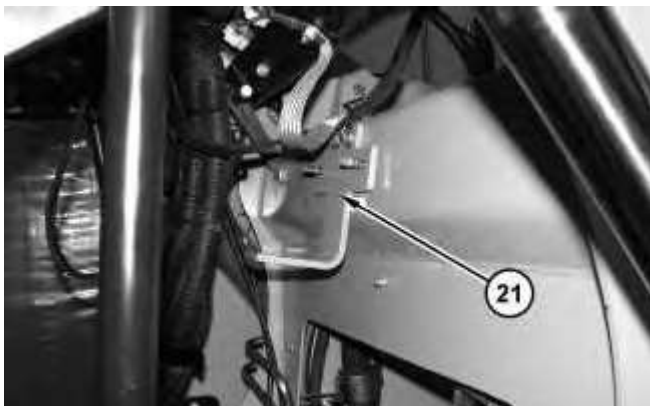


Illustration 8

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13. Install bracket (21) .



14. Install duct (20) .

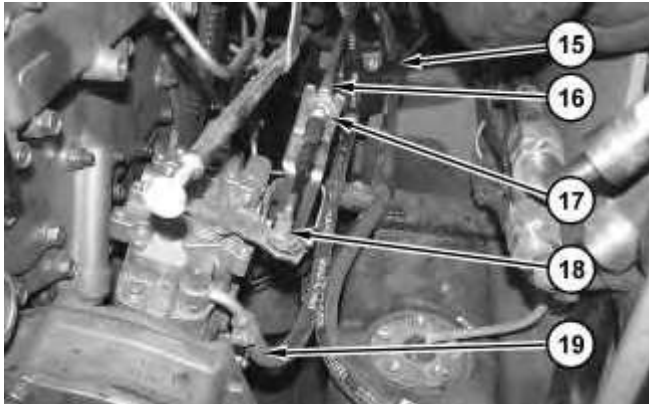


Illustration 10

15. Connect hose (19) .
16. Connect cable assembly (16) and install clip (18). Tighten nut (17) .
17. Connect clips (15) .

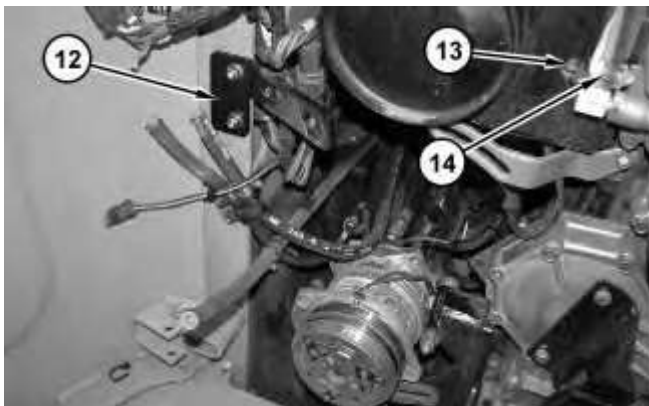


Illustration 11

18. Connect hose (14) .
 19. Connect harness assembly (13) .
 20. Install bracket (12) .
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