

SAE J869 JUL84

**Component
Nomenclature —
Construction Two-
and Four-Wheel
Tractors**

**SAE Standard
Completely Revised July 1984**

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φ **COMPONENT NOMENCLATURE—CONSTRUCTION**
TWO- AND FOUR-WHEEL TRACTORS—SAE J869
JUL84

SAE Standard

Report of the Construction and Industrial Machinery Technical Committee, approved June 1963, completely revised by the Off-Road Machinery Technical Committee July 1984. Rationale statement available.

Purpose—This SAE Standard provides names of major components peculiar to tractors used with scrapers and dumpers. Reference SAE J1057

JUN81. Illustrations of components are not intended to be exactly descriptive of any particular machine.

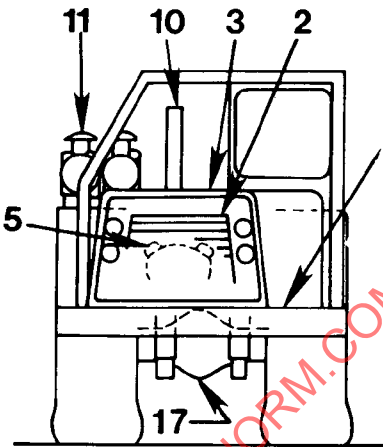
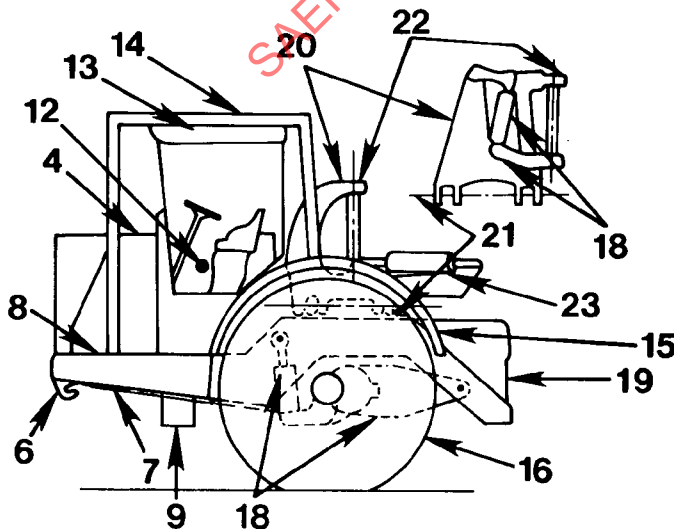


FIG. 1



1. BUMPER
2. GRILLE
3. GUARD, RADIATOR
4. HOOD
5. ENGINE
6. HOOK, PULL
7. GUARD, BOTTOM
8. FRAME, MAIN
9. STEP
10. EXHAUST SYSTEM
11. AIR-INTAKE SYSTEM
12. COMPARTMENT, OPERATOR
13. CAB
14. ROPS-FOPS
15. FENDER
16. WHEEL AND TIRE
17. AXLE, DRIVE
18. SUSPENSION SYSTEM
19. TRANSMISSION
20. HITCH, OSCILLATING
21. PIN, HORIZONTAL PIVOT
22. KING PIN, VERTICAL
23. CYLINDER, STEERING

TRACTOR ALSO MAY INCLUDE THE FOLLOWING ITEMS:

- A. FUEL TANK
- B. HYDRAULIC RESERVOIR
- C. BATTERIES
- D. DIFFERENTIAL
- E. DRIVE SHAFT
- F. FINAL DRIVE

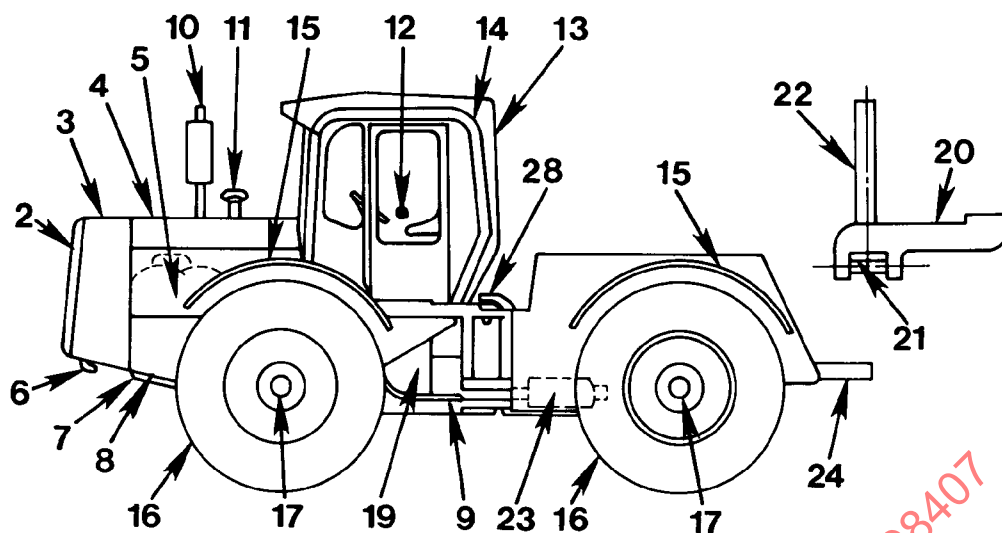


FIG. 2

1. BUMPER
2. GRILLE
3. GUARD, RADIATOR
4. HOOD
5. ENGINE
6. HOOK, PULL
7. GUARD, BOTTOM
8. FRAME, MAIN
9. STEP
10. EXHAUST SYSTEM
11. AIR-INTAKE SYSTEM
12. COMPARTMENT, OPERATOR

13. CAB W/ROPS
14. ROPS-FOPS
15. FENDER
16. WHEEL AND TIRE
17. AXLE, DRIVE
19. TRANSMISSION
20. HITCH, OSCILLATING
21. PIN, HORIZONTAL PIVOT
22. KING PIN, VERTICAL
23. CYLINDER, STEERING
24. DRAWBAR
25. YOKE, HITCH

26. PIN, FORE AND AFT PIVOT
 27. AXLE, FRONT
 28. PIN, ARTICULATION (PIVOT)
- TRACTOR ALSO MAY INCLUDE THE FOLLOWING ITEMS:
- A. FUEL TANK
 - B. HYDRAULIC RESERVOIR
 - C. BATTERIES
 - D. DIFFERENTIAL
 - E. DRIVE SHAFTS
 - F. FINAL DRIVE

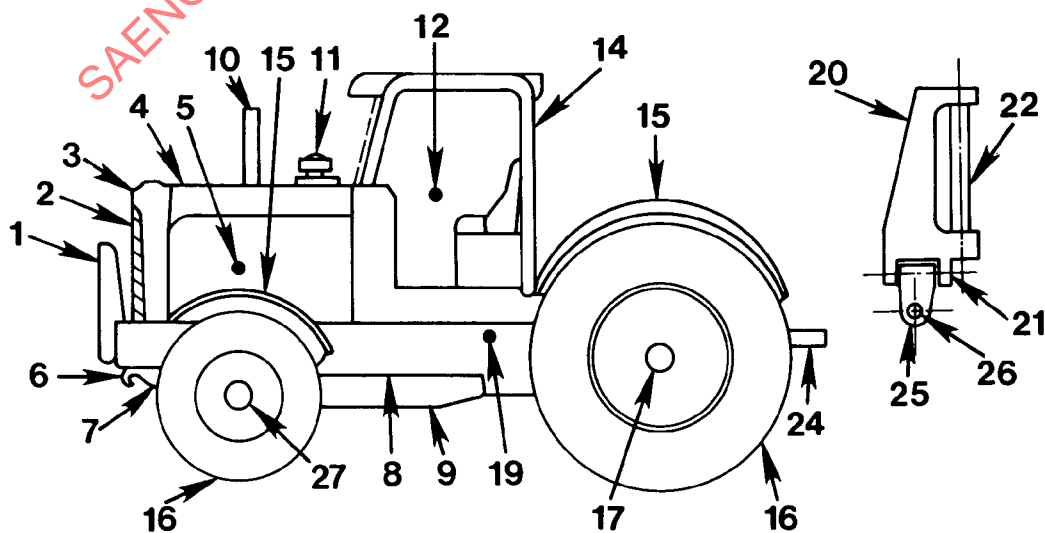


FIG. 3