

Submitted for recognition as an American National Standard

(R) COMPONENT NOMENCLATURE—GRADERS

Foreword—This Document has not changed other than to put it into the new SAE Technical Standards Board Format.

1. **Scope**—This SAE Standard provides names of major components peculiar to graders as defined in SAE J1057 (See Figure 1). Illustrations of components are not intended to be exactly descriptive of any particular machine.

2. **References**

2.1 **Applicable Publication**—The following publication forms a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 SAE PUBLICATION—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J1057—Identification Terminology of Earthmoving Machines

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SAE J870 Revised JUL90

1. ARM, BLADE
2. ARM, LIFT
3. AXLE, FRONT
4. BIT, END
5. BLADE
6. BRACKET, BLADE PITCH
7. CAB, ROPS
8. CIRCLE
9. CIRCLE DRIVE
10. CIRCLE SIDESHIFT
11. CONTROL, POWER
12. CUTTING EDGE
13. CYLINDER, ARTICULATED STEER
14. CYLINDER, BLADE LIFT
15. CYLINDER, BLADE PITCH
16. CYLINDER, BLADE SIDESHIFT
17. CYLINDER, CIRCLE SIDESHIFT
18. CYLINDER, REAR STEER
19. CYLINDER, WHEEL LEAN
20. DRAWBAR
21. DRIVE, FRONT HYDRAULIC
22. DRIVE, FRONT MECHANICAL
23. DRIVE, REAR
24. DRIVE, TANDEM
25. FRAME, FRONT
26. FRAME, MAIN
27. FRAME, REAR
28. HITCH, REAR
29. LIFT, BLADE
30. LINK, BLADE LIFT
31. LINK, CIRCLE SIDESHIFT
32. LOCK, LIFT ARM
33. PIN, AXLE PIVOT
34. PLATE, ATTACHMENT
35. ROPS CANOPY
36. TIE BAR, WHEEL LEAN

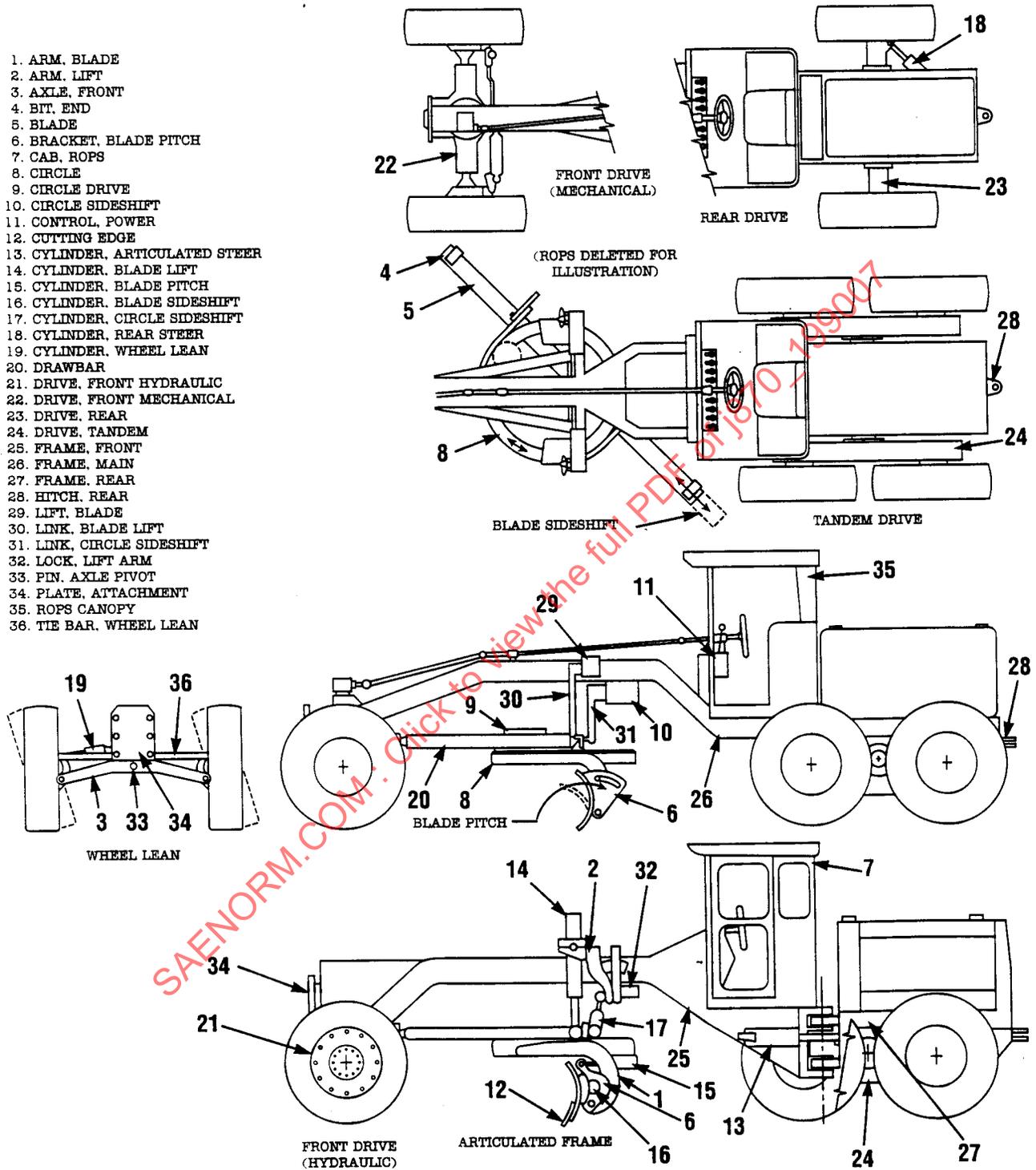


Figure 1—

3. **Notes**

- 3.1 **Marginal Indicia**—The change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. An (R) symbol to the left of the document title indicates a complete revision of the report.

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