

Component Nomenclature –

Scrapers –

SAE J728 JUL84

SAE Standard
Completely Revised July 1984

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COMPONENT NOMENCLATURE—SCRAPERS— SAE J728 JUL84

SAE Standard

Report of the Construction and Industrial Machinery Technical Committee, approved May 1959, 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 the scraper portion of Tractor-Scrapers. Reference SAE J1057 JUN81. Illustrations of components are not intended to be exactly descriptive of any particular machine.

Push-Pull or Dual Load—Mechanism which allows one tractor-scraper to assist in loading another tractor-scraper by pushing or pulling through engagement devices which usually include push plates, a hook, and a bail.

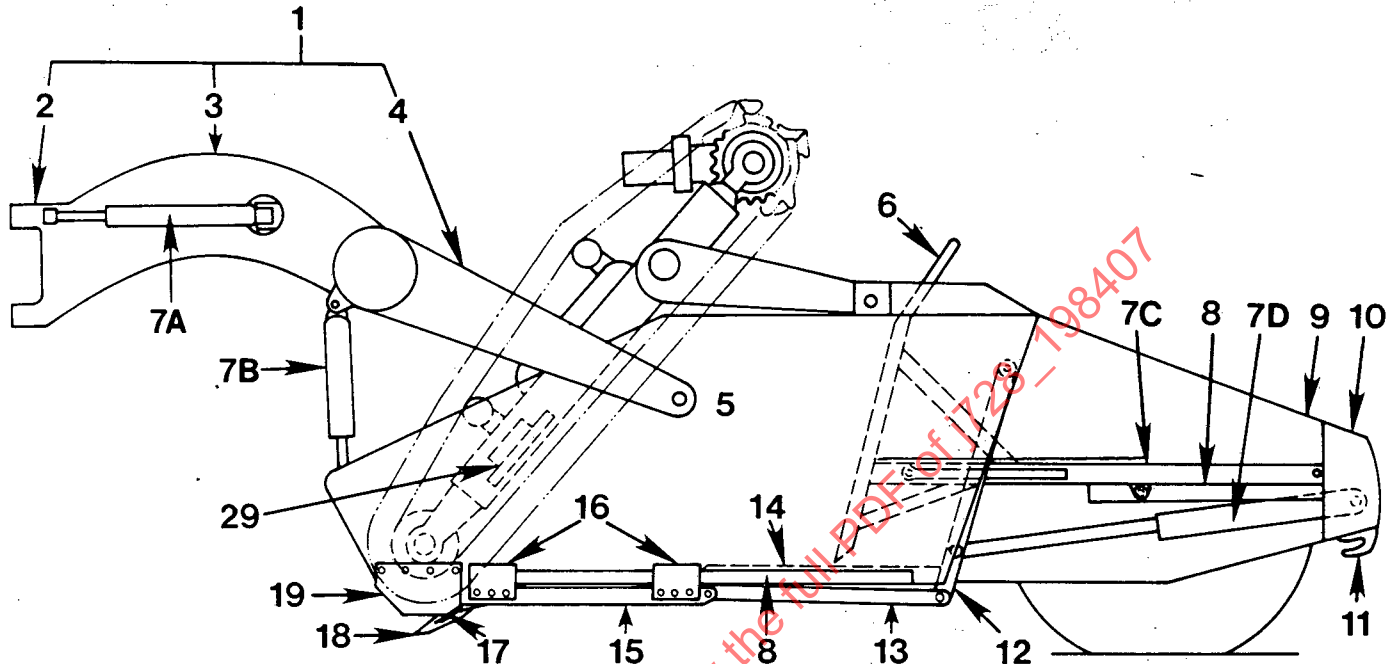


FIG. 1

- | | | |
|------------------------|----------------------------|----------------------------------|
| 1. FRAME, DRAFT | 9. FRAME, REAR | 20. ELEVATOR |
| 2. HOUSING, KINGPIN | 10. BUMPER | 21. IDLER, LOWER |
| 3. GOOSENECK | 11. HOOK, TOW | 22. FRAME, ELEVATOR |
| 4. ARM, DRAFT | 12. LEVER, FLOOR | 23. CHAIN |
| 5. BOWL | 13. LINK, FLOOR | 24. IDLER, CHAIN SUPPORT/TENSION |
| 6. EJECTOR | 14. FLOOR, FIXED | 25. DRIVE, ELEVATOR |
| 7A. CYLINDER, STEERING | 15. FLOOR, MOVABLE | 26. FLIGHT |
| 7B. CYLINDER, BOWL | 16. SLIDE (ROLLERS), FLOOR | 27. SPROCKET, CHAIN |
| 7C. CYLINDER, EJECTOR | 17. CUTTING EDGE | 28. ARM, ELEVATOR |
| 7D. CYLINDER, FLOOR | 18. TOOTH | 29. SUPPORT ELEVATOR |
| 8. RAIL | 19. BIT, SIDE | 30. TRUCK, FRONT |

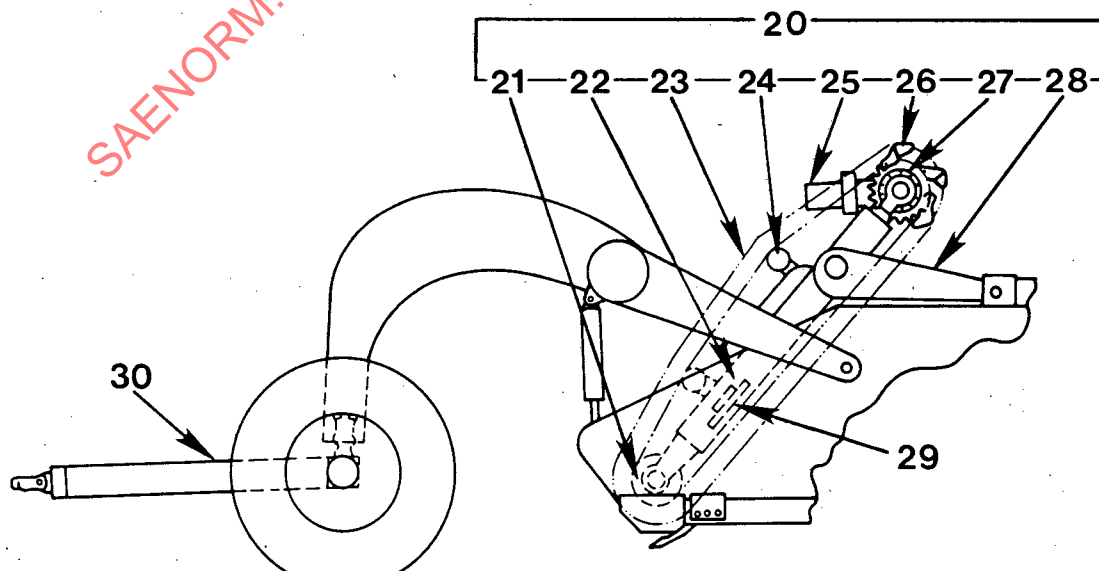


FIG. 2