

# Component Nomenclature —Towing Winch—SAE J1014

SAE Standard  
Editorial change June 1977

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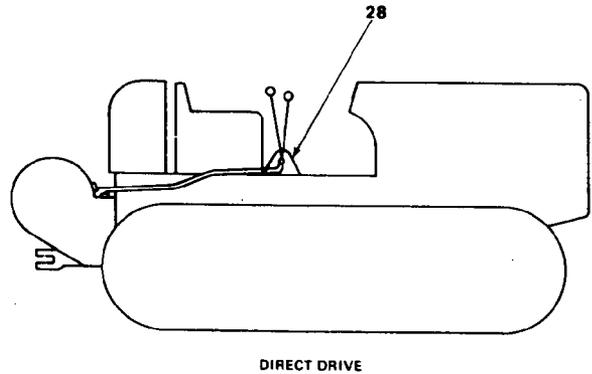
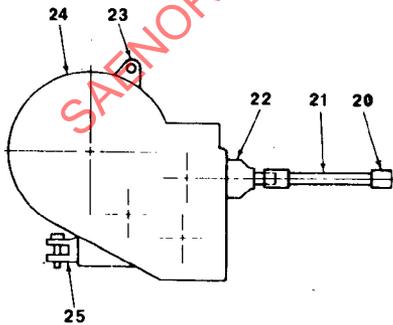
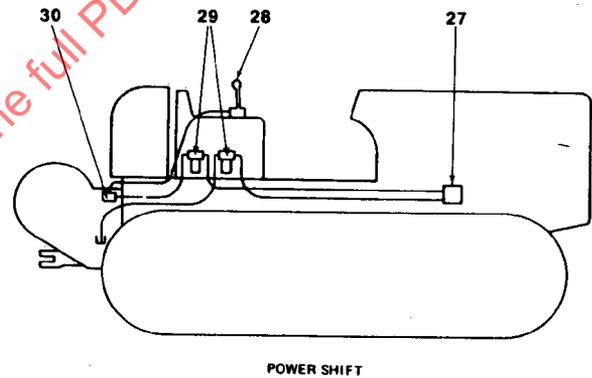
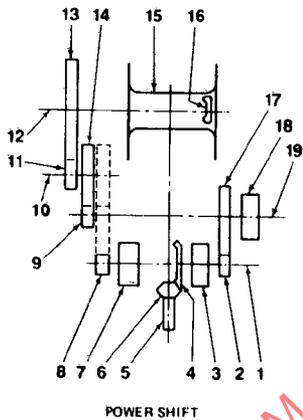
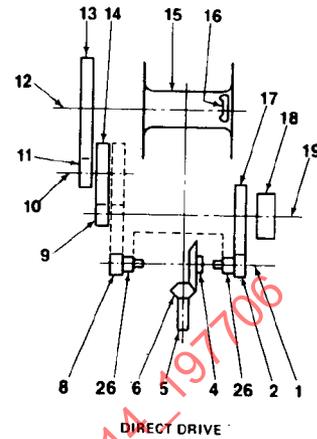
# COMPONENT NOMENCLATURE—TOWING WINCH— SAE J1014

SAE Standard

Report of Construction and Industrial Machinery Technical Committee approved March 1974. Editorial change June 1977.

**Purpose**—This standard provides names of major components peculiar to towing winches, which are commonly supplied as optional equipment for the off-highway self-propelled machines described in SAE J1116 (July, 1975) and SAE J1057a (June, 1975). Illustrations of components are not intended to be exactly descriptive of any particular machine.

- |                             |                          |
|-----------------------------|--------------------------|
| 1—SHAFT, DIRECTIONAL CLUTCH | 16—ANCHOR, CABLE         |
| 2—PINION, FORWARD           | 17—GEAR, FIRST REDUCTION |
| 3—CLUTCH, FORWARD           | 18—DRUM, BRAKE           |
| 4—GEAR, BEVEL               | 19—SHAFT, BRAKE          |
| 5—SHAFT, BEVEL PINION       | 20—COUPLING              |
| 6—PINION, BEVEL             | 21—SHAFT, COUPLING       |
| 7—CLUTCH, REVERSE           | 22—CARRIER, PINION       |
| 8—PINION, REVERSE           | 23—GUARD, CABLE          |
| 9—PINION, SECOND REDUCTION  | 24—HOUSING, WINCH        |
| 10—SHAFT, IDLER             | 25—DRAWBAR               |
| 11—PINION, DRUM             | 26—CLUTCH, GEAR          |
| 12—SHAFT, DRUM              | 27—PUMP, HYDRAULIC       |
| 13—GEAR, DRUM               | 28—CONTROLS, WINCH       |
| 14—GEAR, IDLER              | 29—FILTER, HYDRAULIC     |
| 15—DRUM, CABLE              | 30—VALVE, CONTROL        |



The  $\phi$  symbol is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. If the symbol is next to the report title, it indicates a complete revision of the report.