

Component Nomenclature —Crawler Tractor—SAE J727b

SAE Standard
Editorial change June 1977

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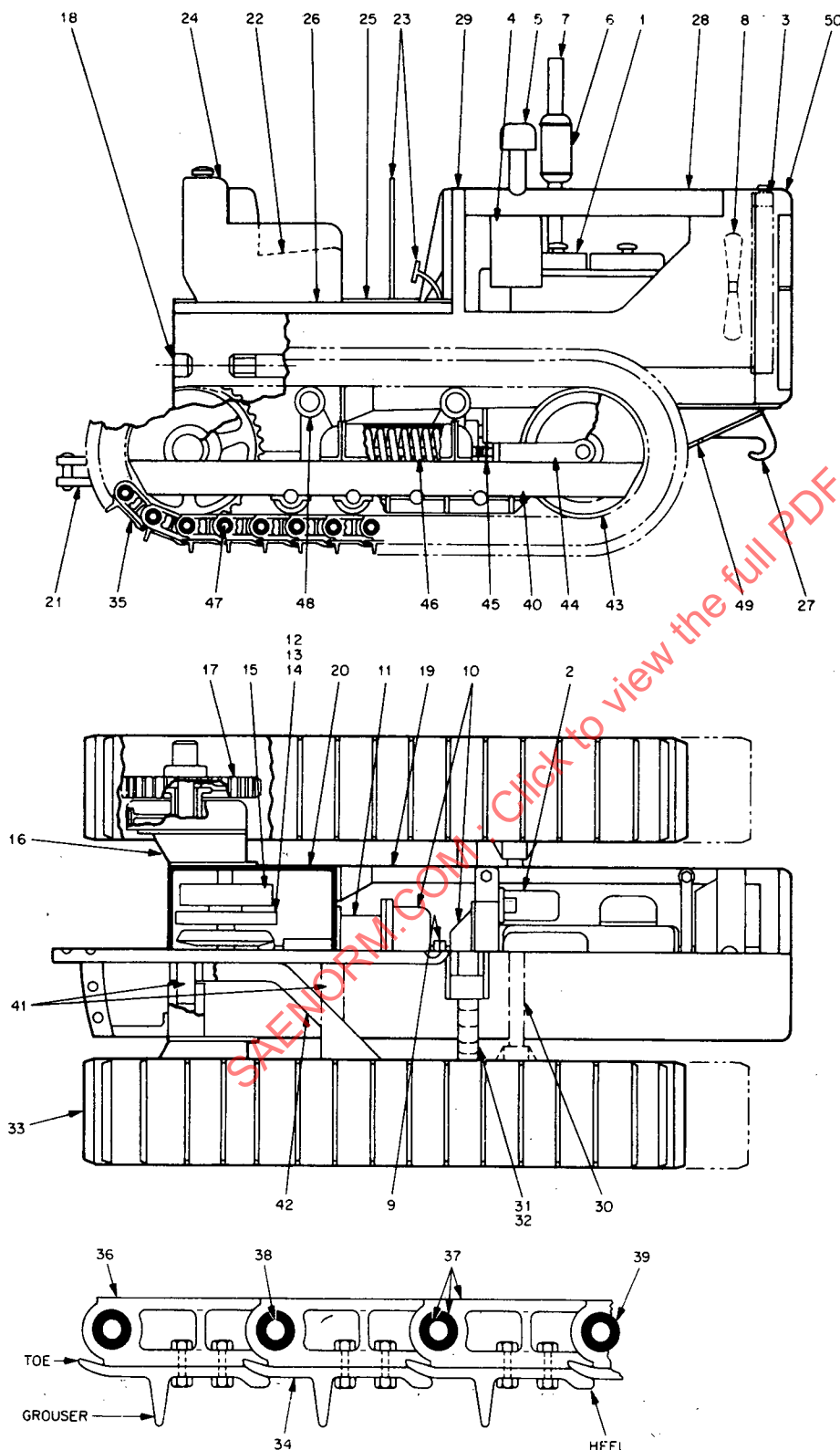
COMPONENT NOMENCLATURE—CRAWLER TRACTOR—SAE J727b

SAE Standard

Report of Construction and Industrial Machinery Technical Committee approved January 1954 and last revised September 1972. Editorial change June 1977.

Purpose—This standard provides names of major components peculiar to crawler tractors as defined in SAE J1057a (June, 1975). Illustrations of

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



POWER PLANT

- 1—ENGINE
- 2—MOTOR, CRANKING
- 3—RADIATOR
- 4—CLEANER, AIR
- 5—PRECLEANER
- 6—MUFFLER
- 7—STACK, EXHAUST
- 8—FAN

POWER TRAIN

- 9—UNIVERSAL JOINT OR COUPLING
- 10—CLUTCH, FLY WHEEL AND/OR CONVERTER, TORQUE
- 11—TRANSMISSION
- 12—CLUTCH, STEERING
- 13—PLANETARY, STEERING
- 14—DIFFERENTIAL, STEERING
- 15—BRAKE, STEERING
- 16—DRIVE, FINAL*
- 17—SPROCKET
- 18—POWER TAKEOFF

CHASSIS

- 19—FRAME, MAIN
- 20—HOUSING, MAIN
- 21—DRAWBAR
- 22—SEAT
- 23—CONTROLS, STEERING AND BRAKE
- 24—TANK, FUEL
- 25—PLATFORM
- 26—FENDER
- 27—HOOK, PULL
- 28—HOOD
- 29—DASH

UNDERCARRIAGE

- 30—CROSSBAR, RIGID
- 31—SPRING, EQUALIZER
- 32—BAR, EQUALIZER
- 33—TRACK ASSEMBLY (SEE DETAIL)
- 34—SHOE, TRACK (SEE DETAIL)
- 35—CHAIN, TRACK (36, 37, 38, AND 39)
- 36—LINK, TRACK
- 37—PIN, BUSHING, LINK; MASTER
- 38—PIN TRACK
- 39—BUSHING, TRACK
- 40—FRAME, TRACK
- 41—SHAFT, TRACK FRAME PIVOT
- 42—BRACE, DIAGONAL
- 43—IDLER, TRACK
- 44—YOKE, TRACK IDLER
- 45—ADJUSTER, TRACK
- 46—SPRING OR CYLINDER, TRACK IDLER RECOIL
- 47—ROLLER, TRACK
- 48—ROLLER, TRACK CARRIER

GUARDS—GUARDS ARE TO BE NAMED FOR PART OR COMPONENT WHICH IS PROTECTED, SUCH AS:

- 49—GUARD, CRANKCASE
- 50—GUARD, RADIATOR

*DEFINITIONS: CONSISTS OF THE REDUCTION GEARS, OR MECHANISMS BETWEEN THE STEERING SYSTEM AND SPROCKET.

The ϕ 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.