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NOMENCLATURE—CRAWLER TRACTOR

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

1. Scope—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.

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 version 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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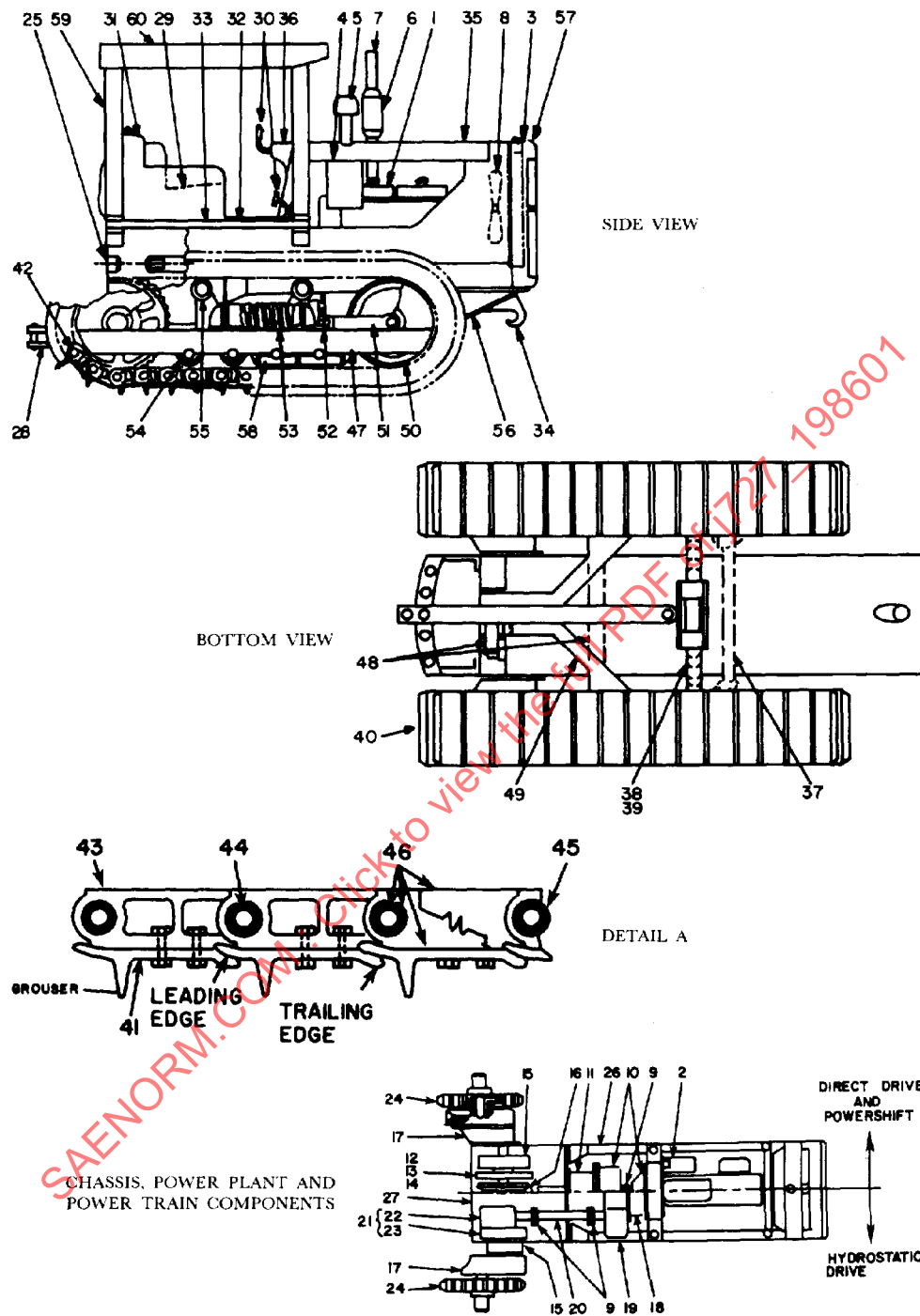


FIGURE 1—

POWERPLANT

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

POWER TRAIN

- 9 - UNIVERSAL JOINT OR COUPLING
- 10 - FLYWHEEL CLUTCH AND/OR TORQUE CONVERTER
- 11 - TRANSMISSION
- 12 - STEERING CLUTCH
- 13 - STEERING PLANETARY
- 14 - STEERING DIFFERENTIAL
- 15 - BRAKE
- 16 - BEVEL PINION AND BEVEL GEAR
- 17 - FINAL DRIVE
- 18 - DISCONNECT CLUTCH
- 19 - SPLITTER DRIVE
- 20 - DRIVE SHAFT
- 21 - HYDROSTATIC TRANSMISSION (22,23)
- 22 - PUMP
- 23 - MOTOR
- 24 - SPROCKET
- 25 - POWER TAKEOFF

CHASSIS

- 26 - MAIN FRAME
- 27 - MAIN CASE
- 28 - DRAWBAR
- 29 - SEAT
- 30 - STEERING AND BRAKE CONTROLS
- 31 - FUEL TANK
- 32 - OPERATOR'S PLATFORM
- 33 - FENDER
- 34 - PULL HOOK
- 35 - HOOD
- 36 - DASH

UNDERCARRIAGE

- 37 - RIGID CROSSBAR
- 38 - EQUALIZER SPRING
- 39 - EQUALIZER BAR
- 40 - TRACK ASSEMBLY (DETAIL A)
- 41 - TRACK SHOE
- 42 - TRACK CHAIN (43, 44, 45, 46)
- 43 - TRACK LINK
- 44 - TRACK PIN
- 45 - TRACK BUSHING
- 46 - MASTER PIN, BUSHING, LINK, AND SHOE¹
- 47 - TRACK FRAME
- 48 - PIVOT SHAFT
- 49 - DIAGONAL BRACE
- 50 - TRACK IDLER
- 51 - TRACK IDLER YOKE
- 52 - TRACK ADJUSTER
- 53 - TRACK IDLER RECOIL SPRING AND/OR CYLINDER
- 54 - TRACK ROLLER
- 55 - TRACK CARRIER ROLLER

GUARDS

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

- 56 - CRANKCASE GUARD
- 57 - RADIATOR GUARD
- 58 - TRACK ROLLER GUARD

OPERATOR PROTECTION

- 59 - ROLLOVER PROTECTIVE STRUCTURE
- 60 - FALLING OBJECT PROTECTIVE STRUCTURE

¹MANY DESIGNS EXIST, INCORPORATING ANY OR ALL OF THESE COMPONENTS

FIGURE 2—

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