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NOMENCLATURE—CRAWLER TRACTOR

Foreword—This Reaffirmed Document has not been changed other than to put it into the new Techincal 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

SIDE VIEW

BOTTOM VIEW

DETAIL A

CHASSIS, POWER PLANT AND
POWER TRAIN COMPONENTS

DIRECT DRIVE
AND
POWERSHIFT

HYDROSTATIC
DRIVE

GROUSER

LEADING
EDGE

TRAILING
EDGE
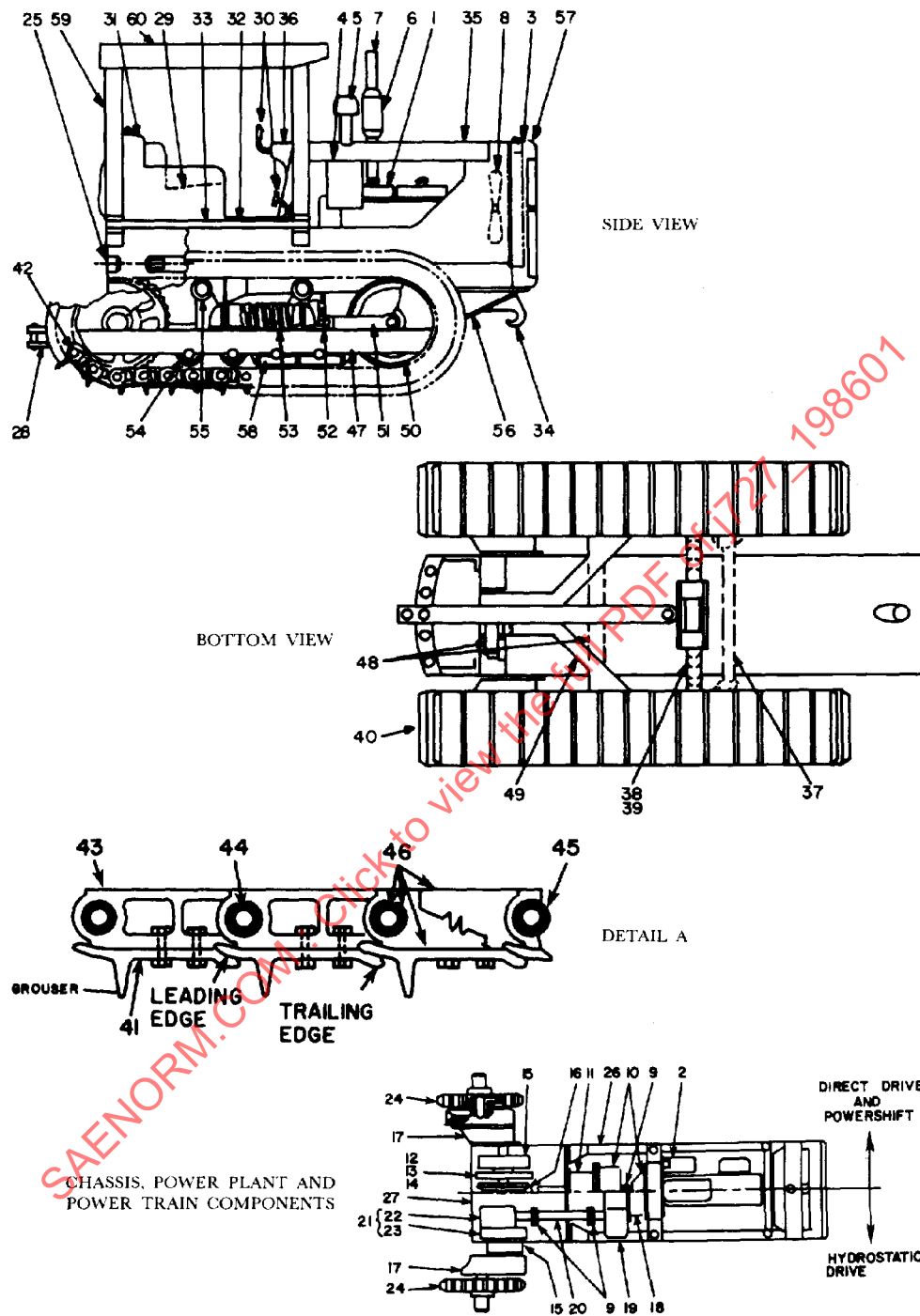
FIGURE 1—

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 SHOE[1]
   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 PROTEC-
        TIVE STRUCTURE

    [1]MANY DESIGNS EXIST, IN-
CORPORATING ANY OR ALL
OF THESE COMPONENTS

FIGURE 2—

PREPARED BY THE SAE OFF-ROAD MACHINERY TECHNICAL COMMITTEE SC 13—
TERMINOLOGY AND DEFINITIONS