

NOMENCLATURE—WHEELS AND RIMS—TRUCKS—SAE J393

SAE Recommended Practice

Report of the Wheel Committee approved June 1969.

1. Scope—This SAE Recommended Practice establishes uniform engineering nomenclature for wheels, rims, and their components used in truck, bus, and trailer applications. This nomenclature and accompanying drawings are intended to define fundamental truck wheel, hub, and rim terms rather than to provide a comprehensive tabulation of all wheel hub and rim designs.

2. Definitions

2.1 Rim—Supporting member for the tire or tire and tube assembly

(Fig. 1).

2.2 Disc Wheel—A permanent combination of a rim and a disc (Figs. 2 and 3).

2.3 Disc (Spider)—The center member of a disc wheel.

2.4 Hub—A rotating member which provides for disc wheel mounting (Fig. 4).

2.5 Spoke Wheel—A rotating member which provides for mounting and support of one or two demountable rims (Figs. 5 and 6).

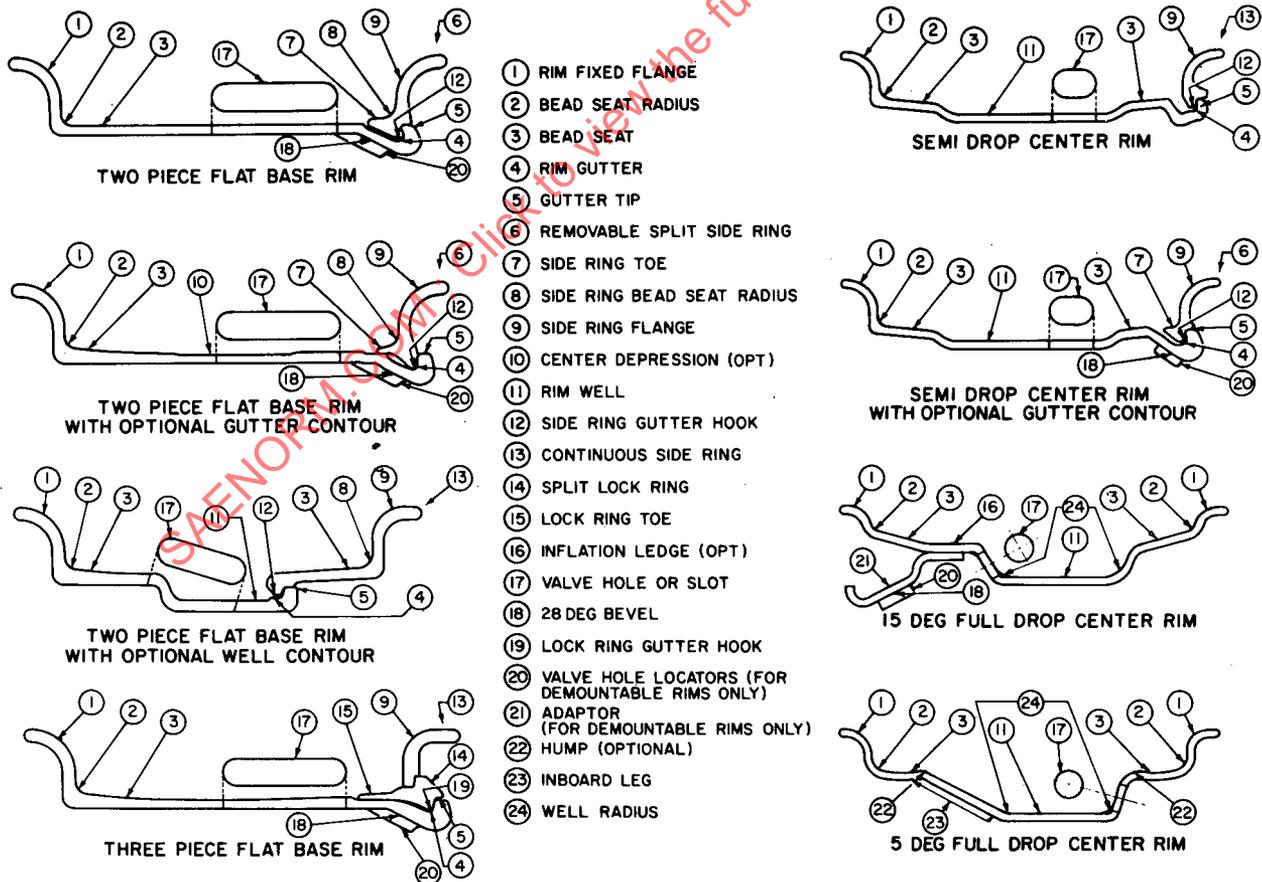


FIG. 1—TRUCK RIMS, TYPES AND NOMENCLATURE

NOMENCLATURE—WHEELS AND RIMS—TRUCKS

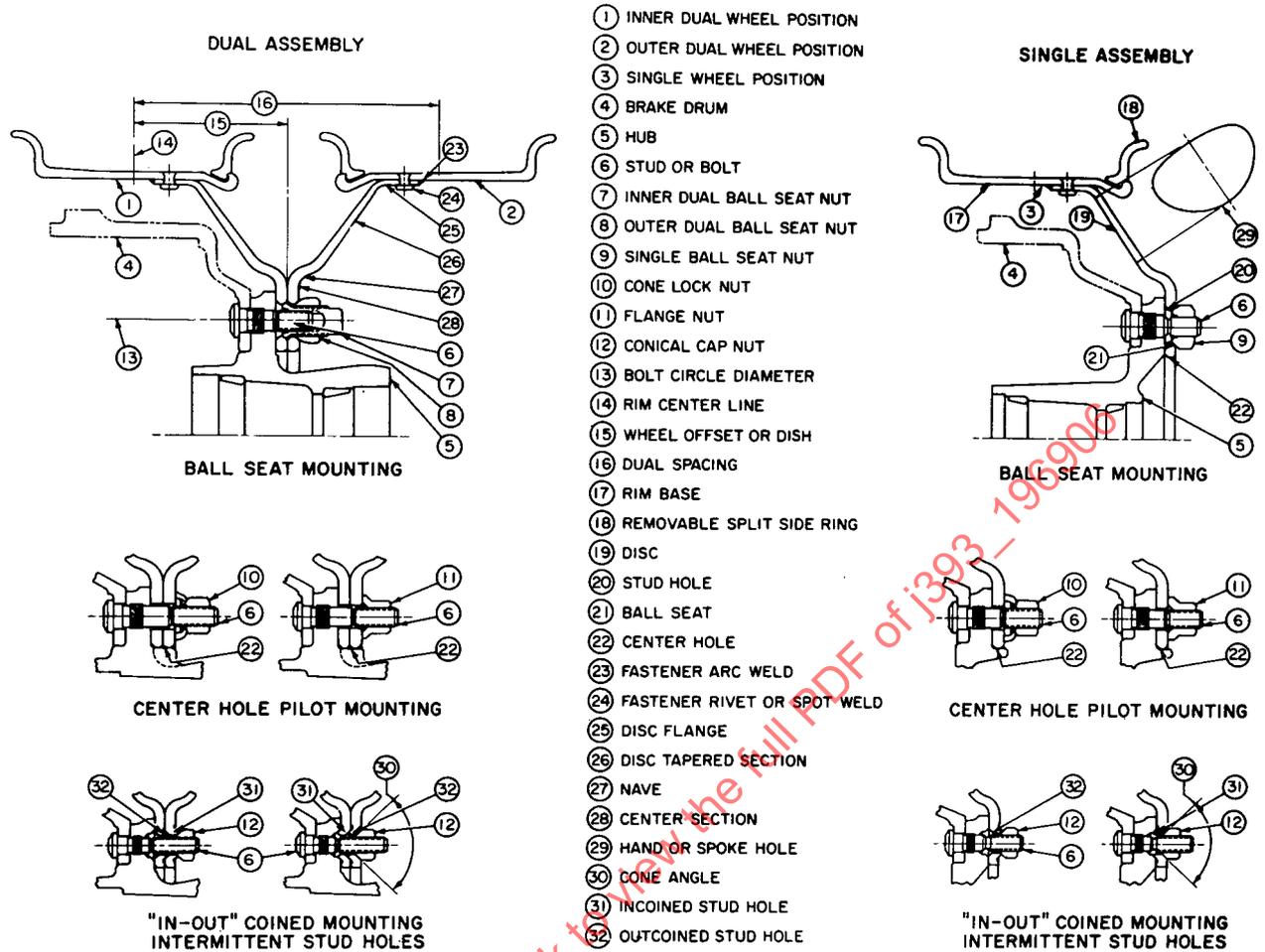


FIG. 2—TRUCK DISC WHEEL NOMENCLATURE, TAPERED DISC

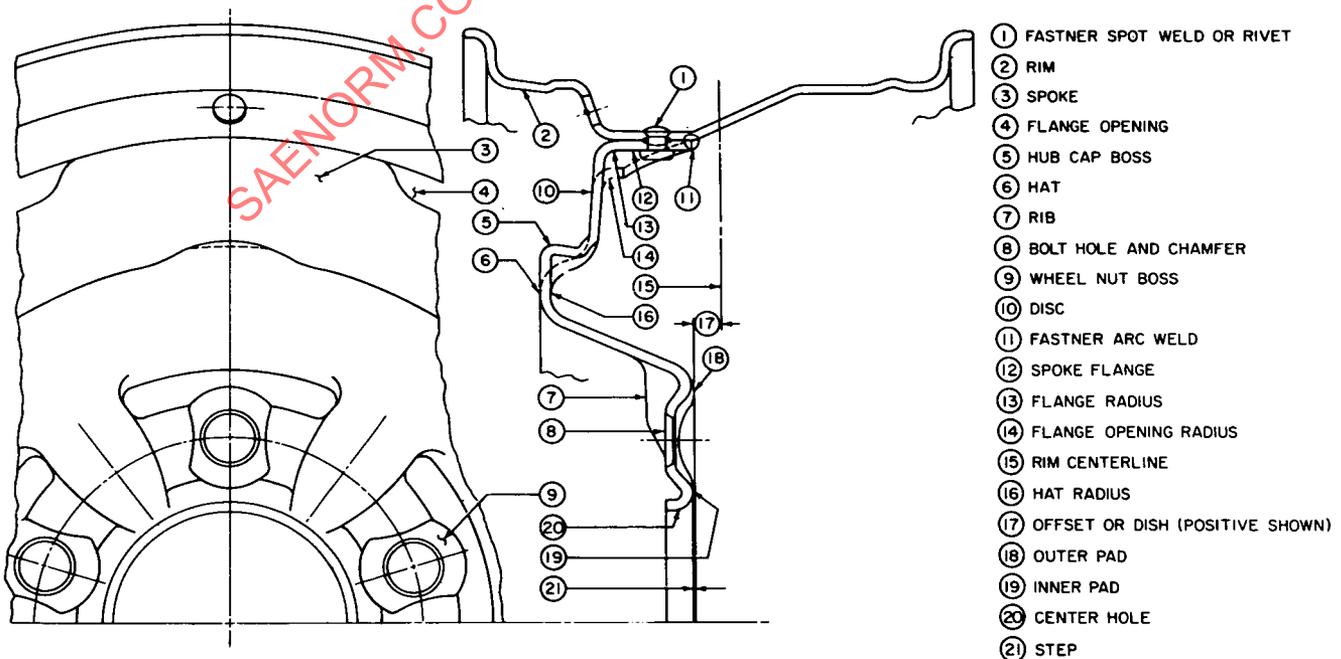


FIG. 3—TRUCK DISC WHEEL NOMENCLATURE, UNIFORM THICKNESS STAMPED DISC

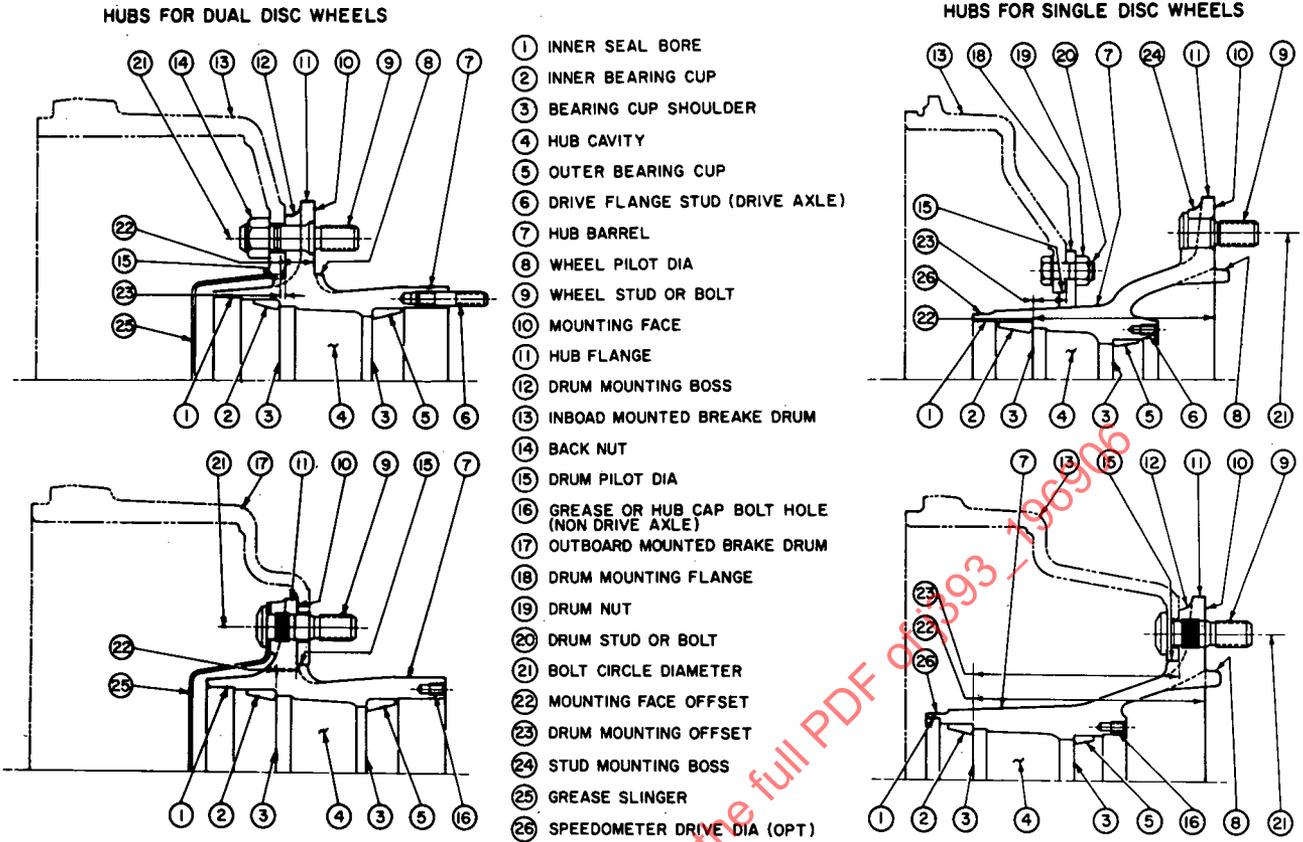


FIG. 4—TRUCK HUB NOMENCLATURE

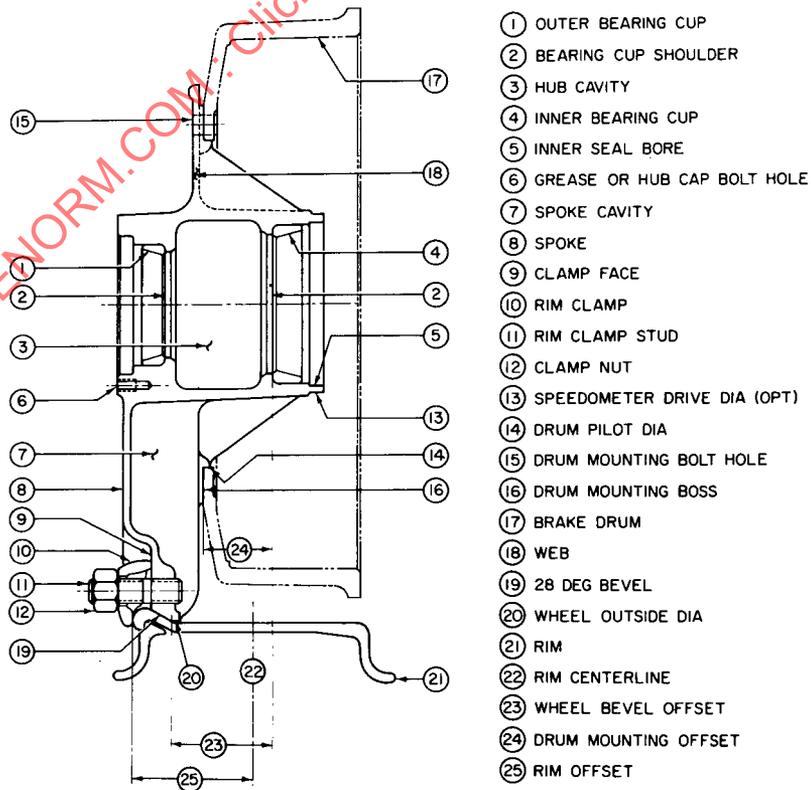


FIG. 5—TRUCK FRONT SPOKE WHEEL AND DEMOUNTABLE RIM ASSEMBLY NOMENCLATURE