

COMM'L. TRUCKS 1934-36 FORD

CLUTCH

CLUTCH:—Long Model 9AB (1934 all), Models 9CF-CI ('35-36 Pass. Car & Comm.), 11CF-CI ('35-36 Trucks).
1934—Single plate, dry disc type.
'35-36—Semi-centrifugal, single plate, dry disc type.
See Clutch Section for complete data.

Facings—Molded asbestos, 2 required.

	Inside Diam.	Outside Diam.	Thick.
Pass. Cars	5.76"	9.0"	.140"
Trucks '34	5.5"	9.75"	.138"
Trucks '35-36	6.5"	11.0"	.140"

Pedal Adjustment—Free movement of pedal $\frac{3}{4}$ -1" ('34), $1\frac{1}{2}$ - $1\frac{3}{4}$ " ('35-36). To adjust, remove clevis pin in end of clutch lever adjusting rod, turn clevis.

NOTE—Greater pedal clearance required on 9CF and 11CF semi-centrifugal clutches to provide proper release bearing clearance.

Removal:—Disconnect rear spring at frame connection in center, take out clutch housing screws, slide rear end and transmission to rear as a unit exposing clutch, take out capscrews mounting clutch on flywheel.

FRONT SUSPENSION

Front Suspension:—Conventional 'T' beam section front axle with Reverse-Elliott ends and transverse cantilever spring.

Kingpin Inclination—8° crosswise.

Caster—9° Max., $4\frac{1}{2}$ ° Min. (Pass. Cars), 5° Max., 3° Min. (Trucks). Must be alike within $\frac{1}{2}$ °. No adjustment provided.

Camber—1° Max., $\frac{1}{4}$ ° Min. No adjustment.

Toe In (1934-35)— $\frac{3}{32}$ " (Pass. Car, Comm'l., Truck).

Toe In ('36)— $\frac{1}{16}$ " (Pass.), 0" (Trucks). On trucks, toe in increases with load and should be set with truck empty. Adjust all models by loosening tie rod clamp bolts and turning rod.

Steering Geometry (Toe out on turns)—Inner wheel turned $23\frac{1}{3}$ ° (Pass. Cars), $22\frac{2}{3}$ ° ($131\frac{1}{2}$ " W.B. Trucks), $22\frac{1}{4}$ ° (157" W.B. Trucks), outer wheel turned 20° (all models). Allowable variation $\frac{1}{2}$ °.

STEERING GEAR

Steering Gear: Gemmer model. Worm-and-Sector type.

See Steering Gear Section for complete data.

BRAKES

BRAKES:—Service—Own make. Mechanical type. Hand lever applies all four service brakes (Pass.), or operates independent rear wheel brake (Trucks).
See Brake Section for complete data.

Drum Diameter—12" (Pass. & Comm'l.), 14" (Trucks).

Lining (Pass.)—Semi-moulded. Width 1.75". Thickness .185". Length per shoe 13.25".

(Truck)—Width 2.5". Thickness .25". Length per shoe 17.75" ('34-35), 17.5" ('36).

Hand Brake:—See Service Brakes above.

Lining (Trucks)—Width 1.5". Thickness .187". Length per wheel 41.1".