

Fig. 1202—Transmission and Overdrive Unit (C15, C17)

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| 1—Gearshift lever locating pin | 35—Overdrive control rail housing gasket | 71—Overdrive rear bearing retainer |
| 2—Gearshift lever friction plate | 36—Overdrive control housing | 72—Transmission shaft second speed gear thrust washer pin spring |
| 3—Gearshift lever friction plate support | 37—Transmission case cover gasket | 73—Transmission countershaft |
| 4—Gearshift lever friction plate spring | 38—Overdrive shift rail fork locating washer | 74—Transmission clutch gear sleeve |
| 5—Gearshift lever thrust ball | 39—Overdrive shift rail fork and locking pin | 75—Transmission countershaft gear thrust washer |
| 6—Gearshift lever thrust spring | 40—Overdrive housing gasket | 76—Transmission case |
| 7—Gearshift lever housing | 41—Transmission shaft bearing adapter | 77—Transmission shaft second speed gear thrust washer—rear |
| 8—Transmission case cover flange gasket | 42—Overdrive shift fork rail spring | 78—Transmission shaft second speed gear thrust washer pin |
| 9—Transmission case cover | 43—Overdrive shift fork rail "C" washer | 79—Transmission case drain plug |
| 10—Gearshift rail retainer oil seal | 44—Overdrive shift fork rail "C" washer retainer | 80—Transmission shaft second speed gear |
| 11—Gearshift rail retainer—front | 45—Overdrive shift fork rail | 81—Transmission countershaft gear |
| 12—Gearshift rail and fork—second and direct | 46—Overdrive control rail stop screw nut | 82—Transmission shaft |
| 13—Gearshift selector ball | 47—Overdrive control rail stop screw | 83—Gearshift rail and fork—first and reverse |
| 14—Gearshift selector ball spring | 48—Transmission shaft bearing—rear | 84—Transmission countershaft bearing spacer |
| 15—Transmission drive pinion bearing retainer gasket | 49—Overdrive damper screw | 85—Transmission countershaft bearing |
| 16—Transmission drive pinion bearing washer | 50—Overdrive damper | 86—Transmission sliding gear—first and reverse |
| 17—Transmission clutch gear and facings | 51—Overdrive planet pinion and cage | 87—Transmission countershaft gear thrust washer plate |
| 18—Transmission clutch gear ball | 52—Overdrive main shaft and annulus gear | 88—Transmission countershaft gear thrust washer |
| 19—Transmission shaft pilot bearing | 53—Overdrive rear bearing retainer gasket | 89—Transmission shaft bearing adapter snap ring |
| 20—Transmission shaft pilot bearing spacer | 54—Overdrive core thrust washer retaining pin | 90—Transmission shaft bearing adapter pin |
| 21—Transmission drive pinion bearing snap ring | 55—Overdrive clutch pawl core shell | 91—Transmission shaft bearing snap ring |
| 22—Transmission drive pinion bearing retainer | 56—Overdrive core thrust washer | 92—Transmission shaft bearing washer |
| 23—Transmission drive pinion | 57—Overdrive clutch pawl and core | 93—Overdrive clutch shaft |
| 24—Transmission drive pinion bearing | 58—Overdrive damper thrust washer | 94—Overdrive housing |
| 25—Transmission clutch gear ball spring | 59—Overdrive main shaft front bearing snap ring | 95—Overdrive housing adjusting hole plug |
| 26—Transmission second speed gear thrust washer—front | 60—Overdrive shaft bearing oil seal washer | 96—Overdrive clutch shaft shifting collar snap ring |
| 27—Overdrive control lever | 61—Speedometer drive gear | 97—Overdrive clutch shaft shifting collar |
| 28—Gearshift rail retainer screw | 62—Free wheeling cam and rollers | 98—Overdrive sun gear plate snap ring |
| 29—Gearshift rail retainer—rear | 63—Transmission shaft flange | 99—Overdrive planet pinion cage washer |
| 30—Overdrive control link pin—short | 64—Overdrive shaft bearing oil seal | 100—Overdrive sun gear |
| 31—Overdrive control link | 65—Overdrive main shaft rear bearing | |
| 32—Overdrive control rail latch fulcrum pin—upper | 66—Overdrive main shaft rear bearing snap ring | |
| 33—Overdrive control link pin—long | 67—Overdrive clutch shaft pilot bushing | |
| 34—Overdrive shift rail dust cover | 68—Speedometer drive gear spacer | |
| | 69—Speedometer drive pinion | |
| | 70—Overdrive main shaft front bearing | |

CAPACITIES

Cooling.....	4 1/4 gallons
Engine.....	6 quarts
Fuel Tank.....	21 gallons
Rear Axle.....	4 pints
Transmission (with overdrive).....	6 1/4 pints

CHRYSLER

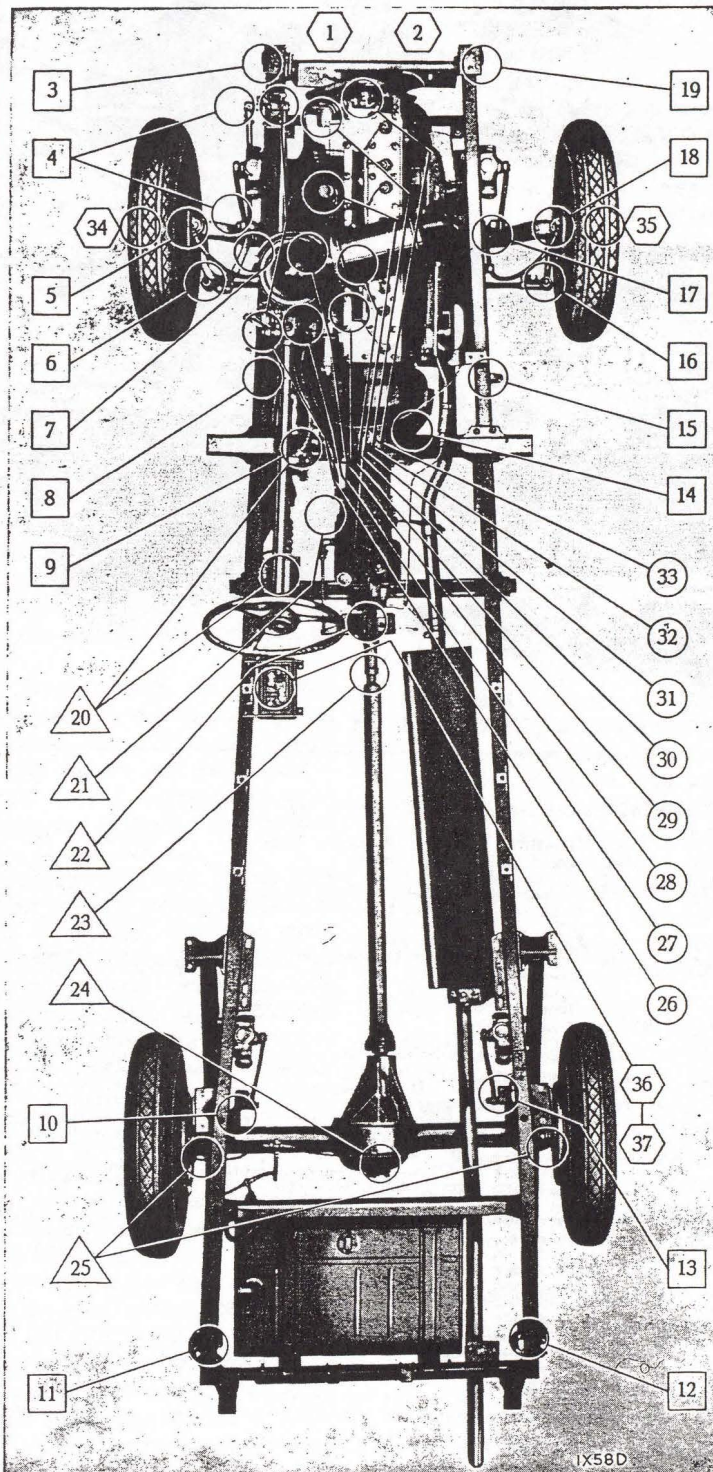
Approved

LUBRICATION

IMPORTANT

- Cars operated principally on gravel or dusty roads may need lubrication attention more frequently and should be serviced as required.
- In dusty territories the Air Cleaner should be cleaned often. Under extreme conditions, once a day may be necessary.

1	Remove oil pan drain plug to drain engine oil.
2	Remove transmission and rear axle drain plugs to drain lubricants.
3	1000 Miles Spring bolts. 2 lubricant fittings. Semi-fluid chassis lubricant.
4	1000 Miles Drag link ball joints. 2 lubricant fittings. Semi-fluid chassis lubricant.
5	1000 Miles Steering knuckle king pin bushings. 2 lubricant fittings. Semi-fluid chassis lubricant.
6	1000 Miles Tie rod ball joint. 1 lubricant fitting. Semi-fluid chassis lubricant.
7	1000 Miles Shock absorber link ball joints. 2 lubricant fittings. Semi-fluid chassis lubricant.
8	1000 Miles Spring shackle. 2 lubricant fittings. Semi-fluid chassis lubricant.
9	1000 Miles Pedals and linkage. 3 lubricant fittings. Semi-fluid chassis lubricant.
10	1000 Miles Shock absorber link ball joints. 2 lubricant fittings. Semi-fluid chassis lubricant.
11	1000 Miles Spring shackle. 2 lubricant fittings. Semi-fluid chassis lubricant.
12	1000 Miles Spring shackle. 2 lubricant fittings. Semi-fluid chassis lubricant.
13	1000 Miles Shock absorber link ball joints. 2 lubricant fittings. Semi-fluid chassis lubricant.
14	1000 Miles Clutch release fork bearing. 1 lubricant fitting. Semi-fluid chassis lubricant.
15	1000 Miles Spring shackle. 2 lubricant fittings. Semi-fluid chassis lubricant.
16	1000 Miles Tie rod ball joint. 1 lubricant fitting. Semi-fluid chassis lubricant.
17	1000 Miles Shock absorber link ball joints. 2 lubricant fittings. Semi-fluid chassis lubricant.
18	1000 Miles Steering knuckle king pin bushings. 2 lubricant fittings. Semi-fluid chassis lubricant.
19	1000 Miles Spring bolt. 1 lubricant fitting. Semi-fluid chassis lubricant.
20	6000 Miles Pedal linkage—engine oil. Power brake cylinder—Remove plug at front and vacuum line at rear—insert 1 ounce of shock absorber, ice machine or transformer oil at each end.



21	Seasonal Change Transmission (with overdrive). See recommendations in Lubrication section.
22	2000 Miles Hand brake—Linkage. Engine oil.
23	2000 Miles Propeller shaft splined joint. 1 lubricant fitting. Semi-fluid chassis lubricant.
24	6000 Miles Rear axle. Drain, flush and refill. Fluid gear lubricant. Summer—S. A. E. 160. Winter—S. A. E. 90.
25	12,000 Miles Rear wheel bearings. Remove plug, insert lubricant fitting, lubricate and replace plug. Short fibre wheel bearing grease—medium.
26	1000 Miles Steering intermediate link ball joints. 2 lubricant fittings. Semi-fluid chassis lubricant.
27	Seasonal Change Steering gear. Fluid gear lubricant. Summer—S. A. E. 160. Winter—S. A. E. 90.
28	2000 and 6000 Miles Distributor. Grease cup—turn down one turn every 2000 miles. Short fibre grease—medium. Every 6000 miles—clean breaker cam and apply a LITTLE petrolatum; add 2 or 3 drops of light engine oil to breaker arm pivot and to wick located beneath rotor.
29	6000 Miles Starting motor. 1 oil cup. Engine oil.
30	2000 Miles Air cleaner. Remove thumb nut, cover and filter element from cleaner body. Wash filter in kerosene and dry thoroughly. Re-oil with S. A. E. 50 engine oil.
31	Engine Engine oil. See recommendations in Lubrication text. OIL FILLER CAP (Air Cleaner)—Remove, wash in kerosene and dry. Re-oil with S. A. E. 50 engine oil every 2000 miles.
32	2000 Miles Generator.—2 oil cups.— 10 drops of light engine oil.
33	2000 Miles Water pump.—1 lubricant fitting. Water pump grease only.
34	6000 Miles Front wheel bearings. Short fibre wheel bearing grease—medium. Remove hub cap and hub. Clean and repack bearings.
35	6000 Miles Front wheel bearings. Short fibre wheel bearing grease—medium. Remove hub cap and hub. Clean and repack bearings.
36	1000 Miles Battery. Bring water level to 3/8" above plates.
37	6000 Miles Battery. Remove battery terminals—clean and coat with petrolatum and replace.

KEY

- Points to be lubricated around chassis.
- Points to be lubricated under chassis.
- Points to be lubricated under hood.
- Miscellaneous operations.

CODE C-17

NOTE

- The clutch release bearing and universal joints are packed with lubricant at the time of assembly and require no further lubrication.
- THE OIL FILTER SHOULD BE RENEWED EVERY 8,000 MILES.