



'Jeep' UNIVERSAL 4

1945-64 All Models

HOOD RELEASE: Both sides

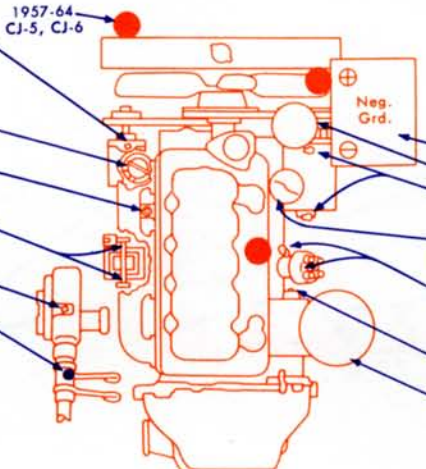
SAFETY "CAR CHEK" SERVICE EVERY 60 DAYS EXCEPT AT MILEAGE ■ **SYMBOLS SHOWN**

COOLING SYSTEM Quarts
 With Heater Without Heater
 All models 12 11
 Cooling system pressure, 7 pounds



CRANKCASE MS
 Above +32° 30 or 10W/30
 +32° to 0° 20/20W or 10W/30
CAPACITY 4 quarts
 Change oil at least every 60 days or even more often under certain driving conditions

Governor 20/20W MO
 With level plug, fill to plug hole
 Without level plug, fill with 2 ounces
2 DRAIN and REFILL
Fuel Filter Clean screen
6 PCV System Valve CC
 On cars having this equipment, remove, clean or replace valve and hose
Manifold Heat Control Valve Shaft GK
 L-head engine
Steering Gear (plug) 90 MP
Remote Control Gearshift GX
 Some early models



Battery Test and fill
Oil Filter Replace, add extra quart oil **4**
Generator (2 oil cups) 10W MO
 Lubricate sparingly. Alternator, no lubrication
Oil Fill Cap
Crankcase Dipstick Check level
 Combined with oil fill cap. Full to Add 1 qt.—1 qt.
Distributor Shaft (oil cup) 10W MO
 Wick under rotor 10W MO
Starter (covered oil hole) 10W MO
 Some 1950 and earlier
Air Cleaner Element Service
 Oil bath... Clean & fill, crankcase grade MO **2**

Front Suspension and Steering Linkage (7 to 13 fittings) GX
Brake Master Cylinder (cap) (thru floor) GSHDB
 Fill to 1/2 inch below top of fill hole
Clutch and Brake Pedals GX

TRANSMISSION and TRANSFER CASE 90 MP
 Maintain level to fill plug hole
 Transmission, some models, plug on right side
CAPACITY Transmission: 3-speed 3 pints; 4-speed 6 1/2 pints. Transfer Case, 3 1/2 pints
S DRAIN and REFILL
 Transfer Case, drain and fill thru separate plug holes

10 Hand Brake Cable Coat GX
10 Speedometer Cable Coat GX
10 Power Take-Off Universal Joint Repack GX
 Must be disassembled. Qualified Mechanic only
Spring Bolts GX
 Some, no lubrication
Rear Wheel Bearings
 Fittings GX
 Apply sparingly until lubricant appears at vent hole above fitting
6 Without fittings Clean and repack GX
 Must be disassembled. Qualified Mechanic only

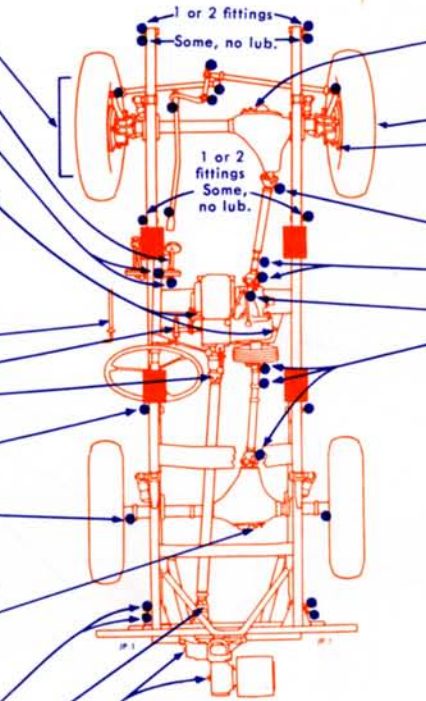
REAR DIFFERENTIAL 90 MP
 Maintain level to fill plug hole
CAPACITY 2 1/2 pints
S DRAIN and REFILL
Spring Shackles GX
 Some, no lubrication
10 Power Take-Off Universal Joint Repack GX
 Must be disassembled. Qualified Mechanic only
Power Take-Off and Belt Pulley Housing 90 MP
 Fill each unit to plug level
2H Drain and refill thru separate plug holes

GAS TANK Gallons
 All models 10 1/2

TIRES Pressure Front Rear

6.00-16	26	28
7.00-15	20	24
7.60-15	27	27
6.50-16, 7.00-15, 6 ply	27	27
6.70-15, 6 ply	24	32
7.00-16, 6 ply	30	45
9.00-13	25	25

TY Rotate tires



FRONT DIFFERENTIAL 90 MP
 Maintain level to fill plug hole
CAPACITY 2 1/2 pints
DRAIN and REFILL **10**
Front Wheel Bearings Clean and repack GX **6**
Front Axle Universal Joints (plug) GX
 Maintain level to fill plug hole
 Repack GX **10**
 Must be disassembled. Qualified Mechanic only
Universal Joint GX
 Use low pressure
Universal and Slip Joints GX
 Use low pressure
Transfer Case Lever Shaft GX
Universals and Slip Joints GX
 Use low pressure

BRAKE ADJUSTMENT

(Qualified Mechanic only)

With the brakes cold, if the brake pedal can be depressed more than 2", the need for service is indicated
 Two adjustment cams are provided on each backing plate
 Adjust the brakes as follows:
 1. Turn adjustment cam until drum cannot be turned by hand
 2. Back off adjustment cam until drum just turns freely without drag
 3. Repeat steps 1 and 2 for other adjustment cam
 4. Repeat procedure at each wheel
Bleeding sequence: RR, LR, RF, LF

KEY TO INTERVALS

- 2** Every 2,000 miles
 Field or industrial work: Every 50 hours
- 4** Every 4,000 miles
 Field or industrial work: Every 100 hours
- 6** Every 6,000 miles
 Field or industrial work: Every 250 hours
- 10** Every 10,000 miles
 Field or industrial work: Every 250 hours
- TY** Twice yearly
- 2H** Every 250 hours
- S** Seasonal—Spring and Fall

- Position for lift adapter
- Lubrication fitting
- Cooling system drain

FOR YOUR SAFETY, WE CHECK YOUR BATTERY, BRAKE FLUID, FAN BELT, LIGHTS, MUFFLER, TIRES AND WIPER BLADES



GX Gulflex A
 MS Gulfpride Single-G or Gulfpride Motor
 MO Gulfube Motor Oil
 MP Gulf Multi-Purpose Gear Lubricant

GSHDB Gulf Super Heavy Duty Hydraulic Brake Fluid
 CC Carburetor Cleaner
 GK Graphite mixed with kerosene

GULFPRIDE OILS—Best for all cars