

## Spring Tune-up instructions

### Station 1:

Check distributor point gap \_\_\_\_\_

Use Quick Point Setter Tool

Oil the distributor \_\_\_\_\_

Check for drilled shaft, oil both, use all-purpose oil with telescoping spout

Check the condenser \_\_\_\_\_

Points open, meter across points, meter set on DC Voltage, 20 volt scale. Key on read battery voltage then key off, voltage drops slowly

Check the high Voltage \_\_\_\_\_

Use "C Spark" Voltage Tester Tool. Insert in Dist cap w/ HV wire in top. Run engine and adjust tool till engine misses

Check all cylinders are firing \_\_\_\_\_

Connect timing lite to HV wire, observe that there are no misses

Check the timing \_\_\_\_\_

Install a timing bar temporarily (magnetic) and use timing lite connected to HV wire or #1 plug. Demonstrate spark arm location for 0 degrees, 10 degrees, 20 degrees and 30 degrees

Comments \_\_\_\_\_

Station 2:

Check steering column level (600W unless it's an F100) \_\_\_\_\_

F100 uses 85/140 gear oil

Oil generator \_\_\_\_\_

use all-purpose oil with telescoping spout

Oil throttle linkage \_\_\_\_\_

use all-purpose oil with telescoping spout

Check battery water level \_\_\_\_\_

Water level to top of plates. Add distilled water if necessary

Check fan belt \_\_\_\_\_

Frayed or worn?  $\frac{1}{2}$  inch deflection between fan and generator

Check water level \_\_\_\_\_

Level just above the baffle

Lube water pump (H2O grease) \_\_\_\_\_

Water pump grease in rear fitting only. Regular grease in front fitting

Check that gas pedal reaches full throttle \_\_\_\_\_

Engine off, press pedal to the floor, observe the linkage hits full stop

Check front end alignment \_\_\_\_\_

Wooden blocks against tires, measure front and back,  $\frac{1}{8}$  +/-  $\frac{1}{16}$  toe-in

Comments \_\_\_\_\_

Station 3: On the lift: (Questions, check the lube chart)

Grease front axle and steering linkage \_\_\_\_\_

8 fittings on driver's side, 6 fittings on passenger side

Grease U-joint (molly grease) \_\_\_\_\_

One grease gun will be molly grease, this takes many squirts

Check transmission level (600W) \_\_\_\_\_

Fill to overflowing with pump

Check that pitman arm is not loose \_\_\_\_\_

Rotate steering wheel and observe for looseness on shaft

Check differential level (600W) \_\_\_\_\_

Fill to overflowing with pump

Grease rear axle \_\_\_\_\_

Spring (2), brake actuating arm (1), lower axle housing (1) on each side (total of 8)

Drain Oil if owner desires \_\_\_\_\_

Replace oil, 4 ½ quarts, owner supplied \_\_\_\_\_

Comments \_\_\_\_\_