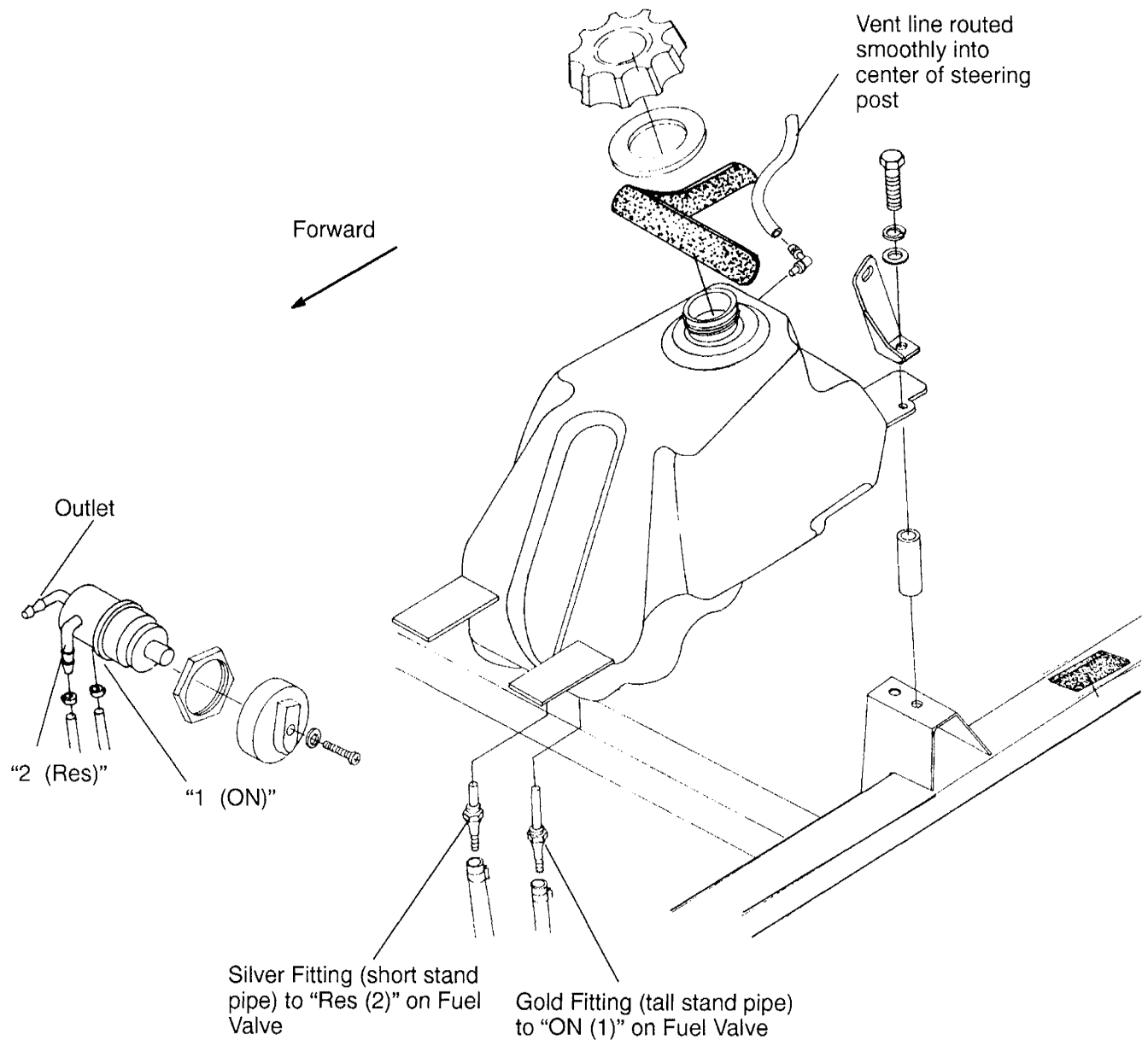


FUEL SYSTEM/CARBURETION

Fuel Tank Assembly - 500 Models

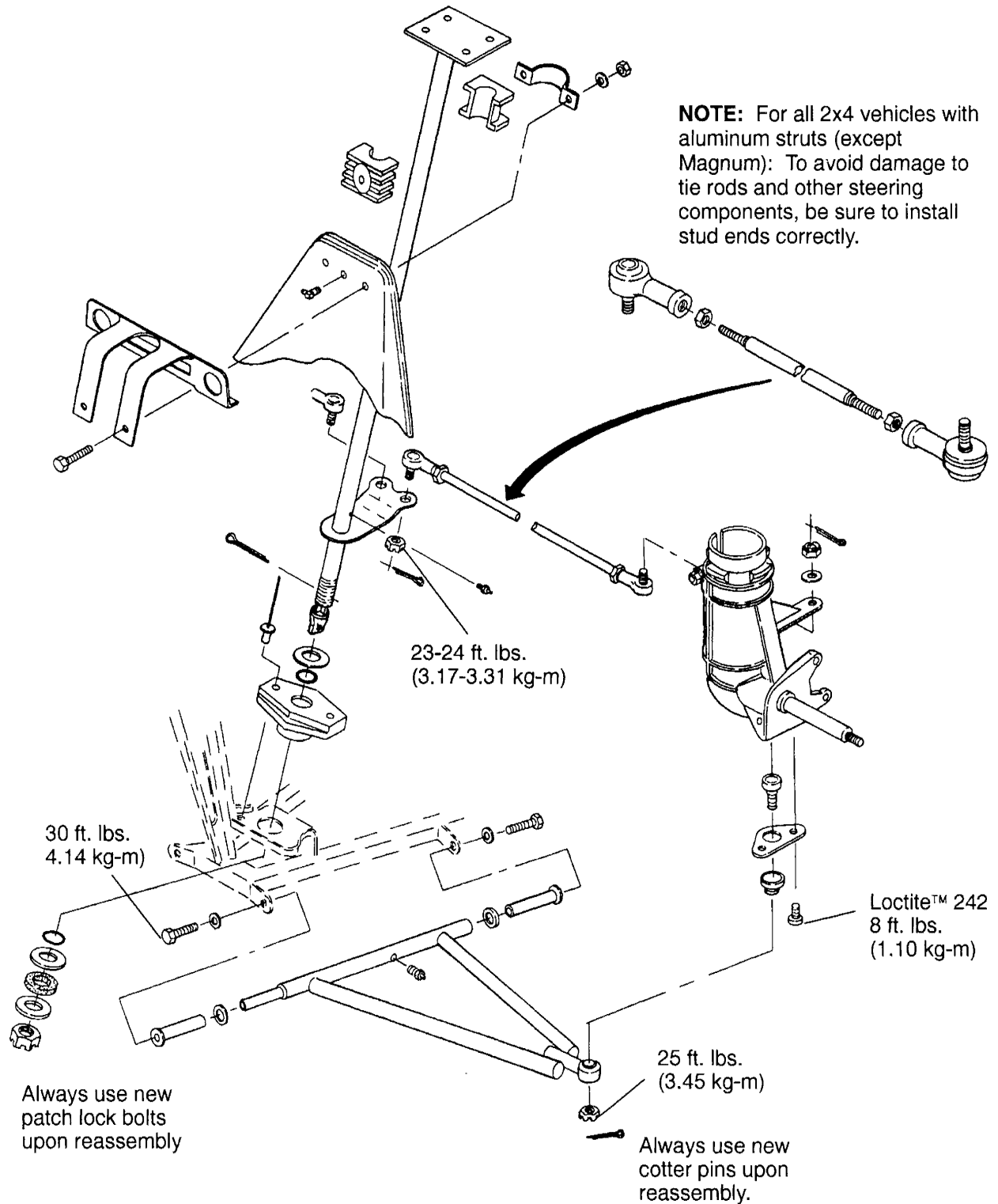
1997 Xplorer 500, Sportsman 500



Example from the manual you will receive

BODY AND STEERING

Typical Steering Assembly, Exploded View, Trail Boss 250



Example from the manual you will receive

Seal Sleeve Replacement, Cont.

3. When servicing the all-wheel drive strut assembly (replacing seal sleeve or installing new coils) it is important that the inner and outer poles of the electrically engaged front drive system be properly adjusted.
4. As the armature plate is engaged, it should contact the outer magnet pole (seal sleeve) and may contact the inner magnet pole. Also, the armature plate must be flat when placed on a flat surface. Bent armature plates should be replaced. It is not unusual to see a double wear ring on the armature plate.
5. To check the gap between the inner and outer poles place a straight edge on the outer pole so that it just intersects with the inner pole. The gap between the straight edge and inner pole should be 0 to .001" (0-.025mm). This measurement should be checked in three different positions around the pole assemblies. The three measurements must be within .0005" (.013 mm) of each other. If the gap is excessive, the hub may not engage.
6. The outer magnet pole (seal sleeve) is adjustable by either tapping inward or placing a small punch to the inside edges and tapping the outer pole (sleeve) outward.

Pole Gap:
.000"-.001" (.00-.025mm)

Seal Sleeve Installation Tool Set
PN 2871199

7. Install the roller clutch assembly and be sure the armature plate (A) is positioned properly. Also, when installing the hub assembly, be sure the armature plate tabs remain engaged with the roller clutch cage.

CAUTION: After the hub is installed, the slightest movement outward with the hub may cause the armature plate tabs to disengage from the roller clutch cage. If the unit is driven with the armature plate out of position it will cause roller clutch damage.

