

RVS RECREATIONAL
VEHICLE
SERVICES, INC.

R. R. 2, BOX M140 + MORGAN HILL, CALIFORNIA 95037 + (408) 779-3173 (408) 227-1644

March 6, 1989

ALIGNMENT INSTRUCTIONS FOR FMC MOTORHOMES # 1-70-646

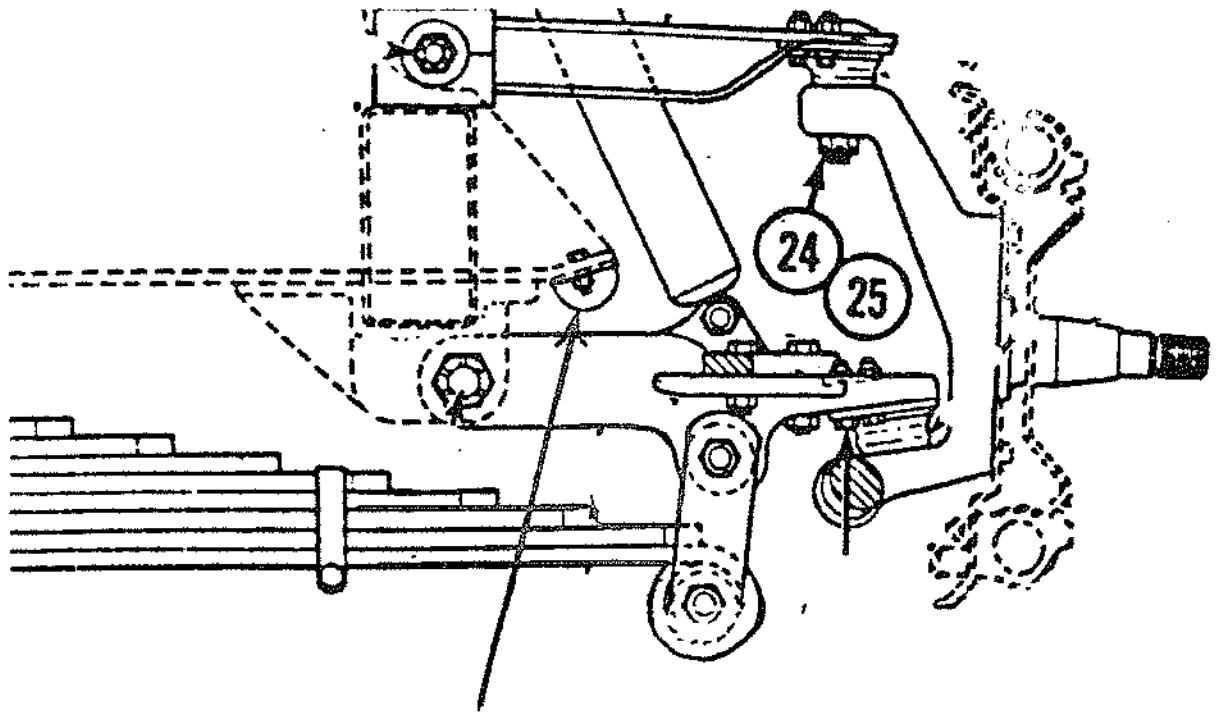
1. Drive vehicle FMC with domestic water tank full. Park on a level surface.
2. Level front to rear and side to side by adjustment of rear torsion bars, rear 1/8" low.
3. Using "John Bean" tool attached (magnetically) to front spindle/hub cover plate set caster at ~~3~~ ^{TO 4°} degrees + or - 1/2° positive adjusting lower support tube between chassis frame and lower suspension arm.
4. Set camber 1/8 degree negative by revolving cam adjusters on top "A" arm pivot shaft. Be sure to tighten bolts through pillow block cap after adjustment.
5. Re check caster. If further adjustment necessary recheck camber.

PRE VEHICLE # 650 →

Note: when adjusting camber rotate cam adjusters equally or a broken A-Arm pivot shaft may result from the binding of the cam adjusters.

6. Center steering box by revolving from stop to stop (left to right) to determine center.
7. Set or locate bellcrank by adjusting tie rod from bell crank to Pitman arm so arm of bellcrank is parallel to chassis frame. Lock tie rod in place. Note: do not move steering box from center during this procedure.
8. Locate idler so idler arm is parallel to chassis frame rail by adjusting center tie rod. Lock in place.
9. ~~MAY BE SET AT 0 TOE~~ ^{3+ PLACE} Set toe by adjustment of outboard tie rods to 1/8" total in (equal) 1/16" per side. You may check 0 toe by preliminary measuring from tire to outside of chassis frame before final adjustment.
10. Remove steering wheel and reposition straight. Note: DO NOT align steering wheel by adjustment of any tie rod. Note: do not adjust steering box center, tie rod from steering box to bellcrank, tie rod between bellcrank and idler, after they have been adjusted in their proper sequence.
11. Do not at any time jack up coach.

RECREATIONAL VEHICLE SVSC INC
R.R. 2 M 140 MONTEREY HIGHWAY
MORGAN HILL, CA 95037



The correct vehicle height controls the window for alignment adjustment. correct bump stop clearance identifies the correct window for adjustment location.

Bump Stop Clearance
1/4" minimum 3/4" maximum
If bump stop clearance
cannot be maintained
within the tolerance specified
DO NOT ATTEMPT TO ALIGN

Authorized Service & Parts

FMC

Motor Coaches