

Monaco Coach Corp
Roadmaster
1809 W Hively
Elkhart, In 46517 Fax 219-294-7322

Oct 15, 1999

Attn: Tom Gorski
John Healey

Re: "22.5A" RVA jack system pressure increase

This is a supplement to my fax of 8/11/99. Since then RVA has adjusted three "22.5A" jack system equipped 38' Diplomats. Each one was accomplished by increasing (clockwise) the pump relief valve 1/4 of a turn. This is equivalent to approximately 300 psi or 1500 more pounds of push. RVA sets the standard "22.5A" pumps at 2300 psi at our plant, while rating them at 2000 psi. At 2300 psi the equivalent push is 11,500 pounds. With the additional 1500 pounds (1/4 turn), this is equal to approximately 13,000 pounds.

We also instructed the owners to extend the front jack first to the desired height before putting down the rear jacks. Putting down the rear jacks first further increases the power needed to lift the front end of the motorhome.

In two of the three Diplomats we adjusted, the front wheels came off the ground. The third one almost lifted off, but did not. In all cases the owners were happy to get the additional lift. For the present RVA has accepted the increased pressure but knows it is reducing its margin against failure of components.

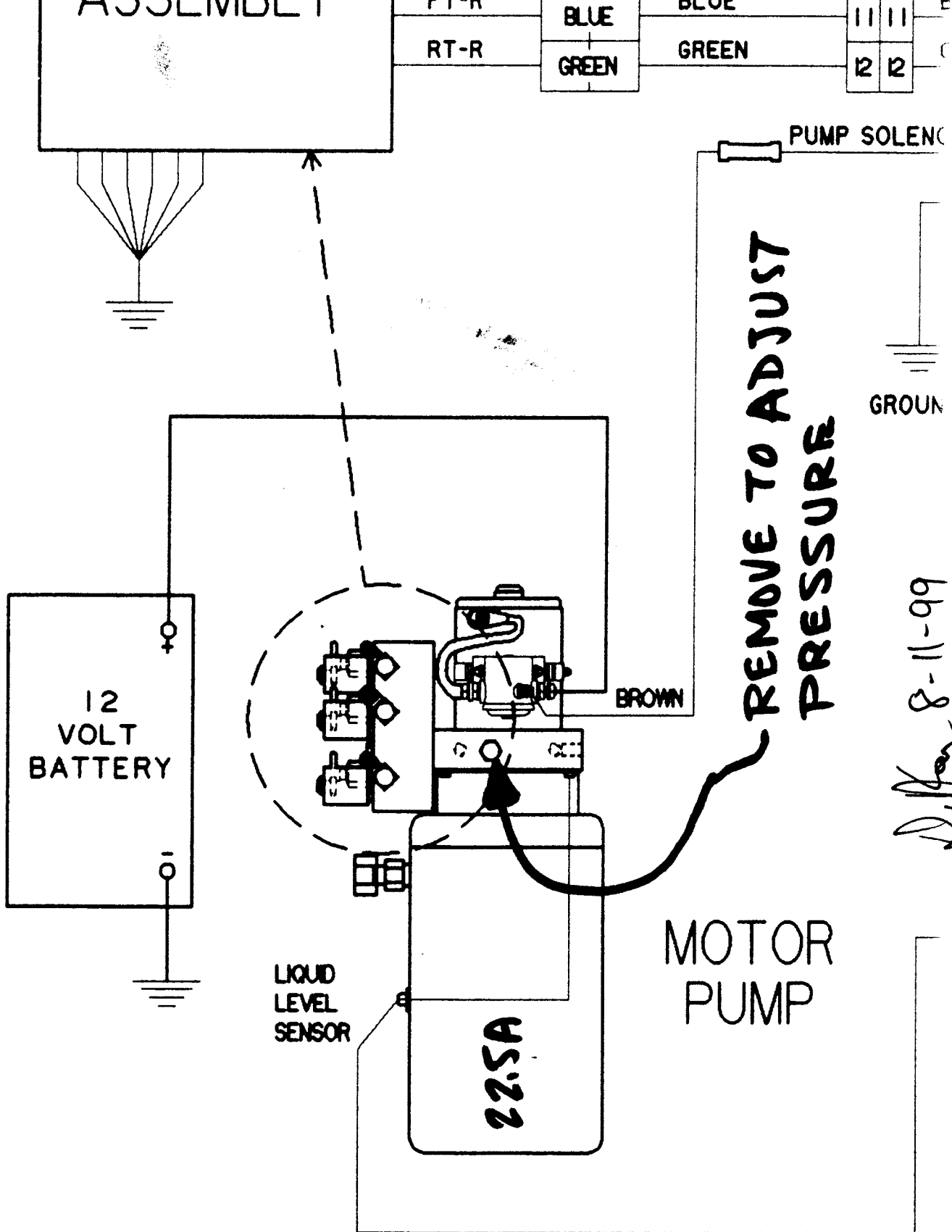
RVA suggests this be done only at the request of the owners. It is also suggested that your engineers check your jack supporting structure for increased loading.

Sincerely,

Dennis W Kay

Owner

RVA CO.



D. Key 8-11-99

RVA CO.

36101080

$\frac{1}{4}$ " HEX
ALLEN WRENCH

$\frac{1}{12}$ TURN = APPROX. 100 PSI

97502092

54301061

60200250

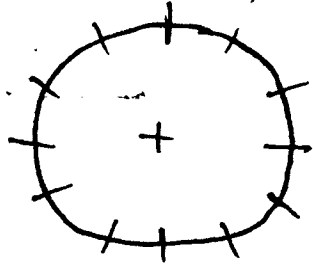
SECTION B-B

RELIEF VALVE SET @ ~~3100~~ ± 50 PSI

(RATED @ 2000) 2300 ("22.5A")

(RATED @ 3000) 3300 ("32" & "35")

(RATED @ 3500) 3800 ("45")



URNS ON RELIEF
VALVE SCREW

USING PRESSURE GAGE (0-4000 PSI) MIN,
SET "22.5A" PUMP TO 2600-2800 PSI MAX
18" STROKE ON FRT JK ("22.5A")
WILL EQUAL "32" FRT JK

HB X
REMOVE TO
ADJUST

66730301 (2)

65101024 (2)

TANK

B

B

2 MOTOR

61300010 (2)

61200039 (2)

L. Ray
8-11-99

62120275 (2)