Warranty Bulletin

DATE: January 1994 SECTION: 13

SUBJECT: TIRE AIR VALVE EXTENSION

Models		VINs
"XL" 40' and 45' conve	rted vehicles	All vehicles with 9" aluminum wheels on drive axle up to 2P9M33499R1001819 incl.
H3-40 coach and V.I.P.	coach shell	All vehicles with 9" aluminum wheels on drive axle up to 2P9H33402R1001390 incl.

DESCRIPTION

In order to ease pressure check and inflation procedures of the inner tire of dualed wheels (inner 8.25" steel wheel / outer 9" aluminum wheel), you must replaced, on the above-mentioned vehicles, the straight valve of the inner wheels by a curved one which will allow the installation of an extension. Proceed as follows to perform this modification.

MATERIAL

Part No	Description	Qty
65-0173*	Tire air valve	2
65-0130	Air valve extension	2
65-0178	Stabilizer	2

^{*} The new valve #65-0173 has been fitted on inner wheels of vehicles R-766 to R-802 incl. and R-812 to R-820 before their deliveries. So, only air valve extensions and stabilizers are required for those vehicles.

Note: Material can be obtained through regular channels.

PROCEDURE

Warning: Park vehicle safely, apply parking brake, stop engine and set battery master switches to the "OFF" position prior to working on the vehicle.

- **1.** Put blocks in front and behind the front wheels to prevent vehicle from rolling, jack up vehicle using drive axle jacking points (refer to maintenance manual, section "18") until drive axle tires clear the ground. Place safety stands underneath drive axle.
- 2. Remove dualed wheels from one side of drive axle, then demount tire from 8.25" steel wheel.

Warning: Not all tire mounting/demounting machines work alike. Be sure to read the operating or instruction manual for your particular machine before attempting to mount or demount tires.

Note: For vehicles already provided with the new air valves (curved), it is not necessary to demount tires as only a repositioning of valve stem is required.

- **3.** Unscrew and remove tire air valve, then replace it with the air valve (curved) #65-0173. Position air valve so the stem end will point towards an opening of the outer aluminum wheel. Tighten air valve nut to 10 lbf•ft.
- **4.** Mount tire on steel wheel then reinstall dualed wheels on drive axle. Refer to annexed Service Information #88-16 to ensure a correct installation.

Warning: Undertorqued cap nuts allow wheels to run loose, pounding out (deforming) the ball seats, fatiguing studs or losing nuts. Overtorquing can stretch studs causing them to fail. Both under and overtorquing can lead to wheel disengagement causing injury or death. So, it is important to follow tightening sequences and torque levels recommended in Service Information #88-16.

- **5.** Screw air valve extension #65-0130 on inner wheel air valve (through an outer aluminum wheel opening), slide stabilizer #65-0178 over air valve extension then correctly position stabilizer in aluminum wheel opening.
- **6.** Check the position of the valve stem mounted on the outer aluminum wheel. The stem end should point the front of the vehicle when wheel is positioned with valve down. Correct if necessary.
- 7. Inflate tires to the pressure recommended in the Operator's manual.
- 8. Repeat the above procedure for the dualed wheels mounted on the other side of drive axle.
- 9. Remove safety stands, lower the vehicle then remove blocks in front and behind the front wheels.

Caution: As mentioned in Service Information #88-16, the wheel stud nuts should be tightened every 100 miles (160 km) for the first 500 miles (800 km) to allow setting in of clamping surfaces.

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and one and a half (1.5) hours of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 94-01".

Expiry date: January 1995