

# SPARE PARTS & OTHER NEWS

Technical report by Rob Little

The next topic is a tribute to Jack Weaver. I had never met this man although his reputation preceded him as when I attended my first concours at Gulf Station in Yarra Glen, I met George Tippett and it was he who said "if you end up with a traction get Jack Weaver to do the gearbox and you will never have a problem".

When I eventually met Jack he was not in good health and could not attend to my gearbox but offered not only the information on what he had done to gearboxes but also to the engines to give them a hurry up.

I considered the information given to me re the gearbox and while the 2ndgear mods have been covered in previous journals, the strengthening plates were not covered, I thought that some of the mods were extreme but then Jack was racing these to the last inch of their life, so I came up with a plate that can be simply bolted onto the carrier bolts to achieve sufficient strength for the average road driven traction but was cheap and easy to produce utilising modern laser cutting technology. (see photo left)

Bernard Hadaway immediately called it a spectacle plate when I showed it to him as he was more than already familiar with this due to his vast experience when these boxes were being used by Coopers in their racing cars. This 3mm plate takes the place of the standard spring washers on the bearing caps, the nuts then secured with Loctite. Maximum strength can be attained by removing the 4 studs from the gear case to ensure the threads are in excellent condition and refitting after using Loctite primer and retaining compound.

It is my intention to give this design to the club so they can be marketed through the club spares and will come with fitting instructions and in deference to Jack Weaver I will call it "The Jack Weaver Plate". I will be happy to answer any questions regarding the plate and I must say that it has Jack's endorsement.

The plate pictured is the prototype, production plates will feature some small modifications but will basically look the same, it is anticipated that the cost to members will be \$65.00 each.

These plates will be available by the time this magazine is published.

