

proof fixing but because the set screw passes through a clearance hole the location is not necessarily precise. The woodscrew should only be fixed once the location of the hinge has been established.

Correct Alignment of Hinges:

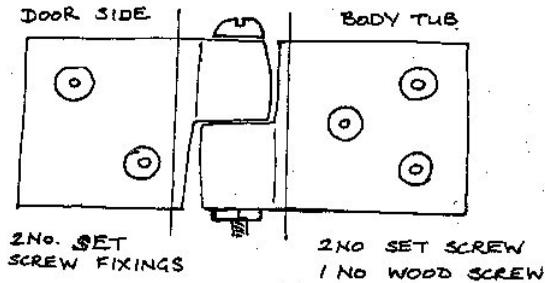
The hinge pivot axis is plumb in side view. See diagram B on p.13

The hinge pivot axis is inclined in section view. See diagram C on p.13

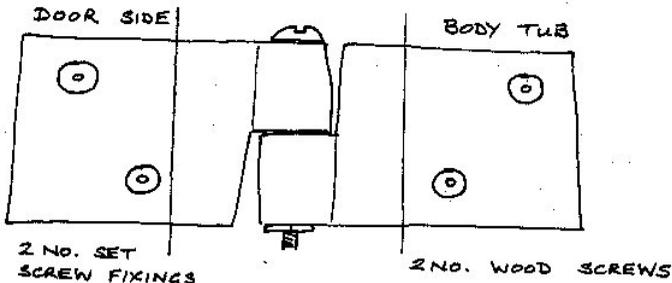
This provides for a degree of self closing of doors, providing the hinges are working efficiently. The benefit of this is that the doors will tend to swing closed if left ajar and thus be less prone to accidental damage. It does not have any benefit if the door catches are faulty and the door opens on the move!

DOOR HANGING NOTES, ESPECIALLY ON M.C.T.C DIAGRAM A - HINGE ARRANGEMENT

UPPER HINGE, SHORTER OVERHANG

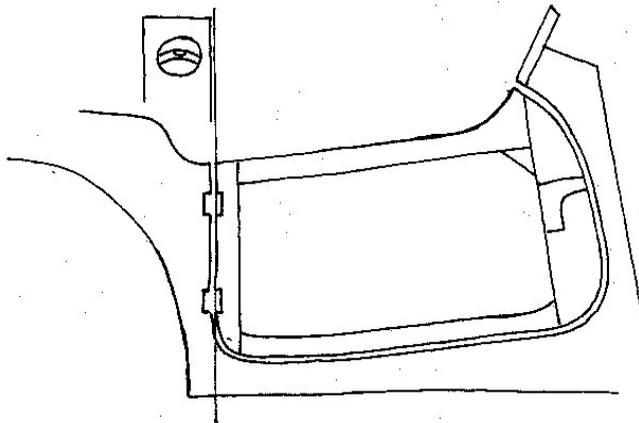


LOWER HINGE, LONGER OVERHANG



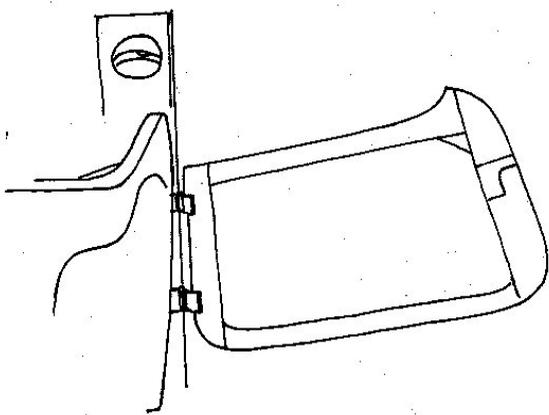
D. BARNES 3/04

DOOR HANGING NOTES, ESPECIALLY ON M.C.TC
DIAGRAM B



SIDE VIEW, DOOR CLOSED, HINGE LINE PLUMB

DIAGRAM C



VIEW FROM O.S. REAR, DOOR OPEN, HINGE LINE INCLINED.
Note: Due to variation in individual bodies, setup in Diagram C
may not be achievable.

D.BARNES 3/04

Fitting Door Latch and Strikers, especially on M.G. TC

Preliminaries: Body must be: true i.e. symmetrical
braced i.e. supported by bulkhead
body and door skinned.

Door hung with: even gap
no snagging of door, aperture and trim.
door profile matches that of bodytub.

Procedure:

1. Fit door latch to door frame using two raised head machine screws. Use a small thin probe to align threaded holes in captive plate behind door frame.
2. Fit striker to A post using two raised head machine screws to captive plate behind bodytub.
3. Close door, engaging latch bolt to striker by door handle or lever, i.e. do not slam door shut! Ease and adjust the operation of the latch where necessary by:
 - i. packing out latch and / or striker with shims.
 - ii. Adjusting the relative positions of the latch and striker by moving the units with the machine screws slightly slackened off, then retighten.
 - iii. adjust the position of the striker block by adding or removing packing washers as necessary.
4. Ensure that:
 - i. the latch bolt engages fully with 2nd or inner hole on the striker block. The 1st hole is a safety position only.
 - ii. the door has minimal free movement when fully engaged on the striker.
 - iii. striker wedge block fits snugly into the aperture of the latch.

General observations:

Rear hinged doors:

- i. provide stylish entrance / exit from car especially for long leggy passengers.
- ii. necessitate door latches to be set up effectively, to cope with normal movement of body and twisting of chassis.