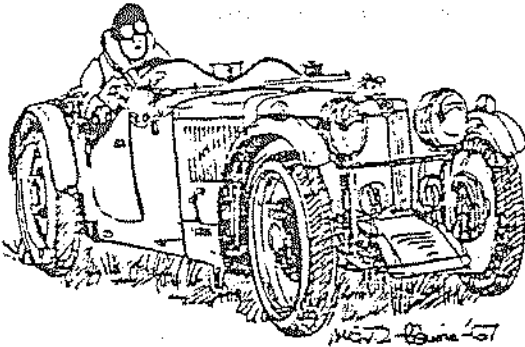


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From Octagon Heaven



MOUNTING THE BRAKE CABLES

I just learned the hard way that after mounting the brake cross-shaft and lube tubes to the brake cross shaft, that all had to be taken loose in order to connect the brake cables.

You will find that the mounting of the brake cables is not a hard task if you follow the following process.

1. Route all cables through the chassis holes and along the inside of the chassis to the cable pullies of the cross shaft. Take care for there is a difference between the front and rear cables.
2. place the brake cross shaft in place but move it forwards about 3" to mount the front cables. The front cables must go on first as they are to the outside pullies and need to be mounted first.
3. The front cables enters the pully from above (over the top) into the outside pully groove. Make sure the routing of the cable is so it does not rub the lube tubes at the bulk head support area. Figure A below shows the cable-pully view at the left chassis pully.
4. The assembly of the front cable to the pully requires the cable to be placed into the pully , and through the "eye" in the pully. Then pull the cable until the "ball" on the end of the cable slips through the "eye" of the pully and rest in its home position. Careful use of a pair of duck bill pliers may be needed to assist the "ball" through the "eye". Be careful not to damage the cable during this operation. Figure B below shows the assembly. You may have to move the cross shaft a little to get the "ball" inbetween the chassis and the pully as you work the ball into the "eye".

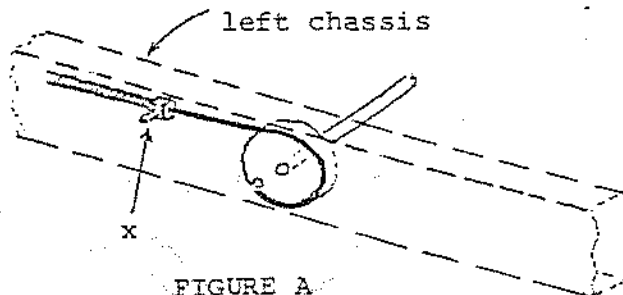


FIGURE A

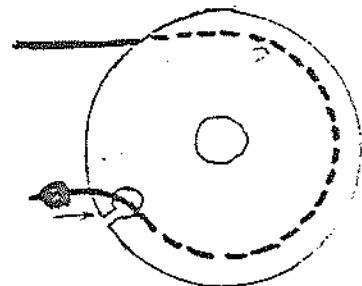
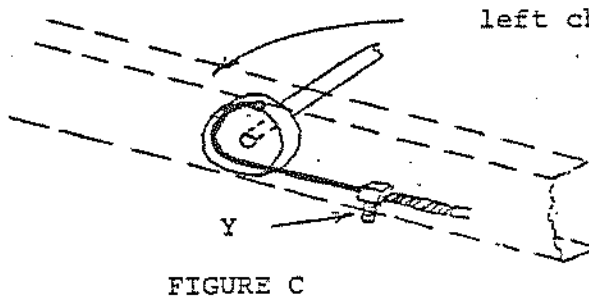


FIGURE B

5. The rear brake cables are much easier to mount. Move the cross shaft back in about its proper position once both front cables are on. The rear cables enter the pullies from below (under side), into the pully groove. Figure C below gives view of left side pully.



left chassis

FIGURE C

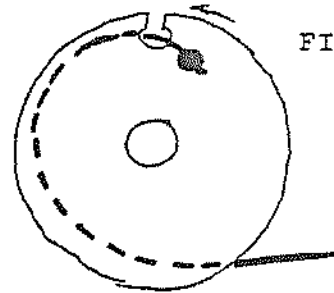


FIGURE D

Figure D above gives idea of the "ball and eye" for the rear cables.

6. After both sets of front and rear cables are mounted onto both pullies, place cross shaft in home position and mount onto chassis. make sure hand brake bracket is in proper position when doing this.

7. Mount cables to chassis on location holes in front of and to rear of cross shaft. The holes for the front cables are high on the side of the chassis. (see figure A -- point x) The holes for the rear cables are on the bottom of the chassis. (see figure B -- point Y) There is an adjustment at these points for positioning of the cables.

8. Mount the brake cable brakets with four bolts at the four places where the brake cable come through the chassis to the outside. This is also the lube points of the brake cables.

9. Mount the front cable chassis blocks at the bulk head location. Note the front brake cables are routed along the bottom of the chassis at this point. Note also that the left side block has a second "slot" in it which is for the rear light wire harness. See figure E below.

10. Mount the brake cables to the plate on the brake drums and the yoke to the brake lever.

11. Adjust the brakes -- see technical article number 90.

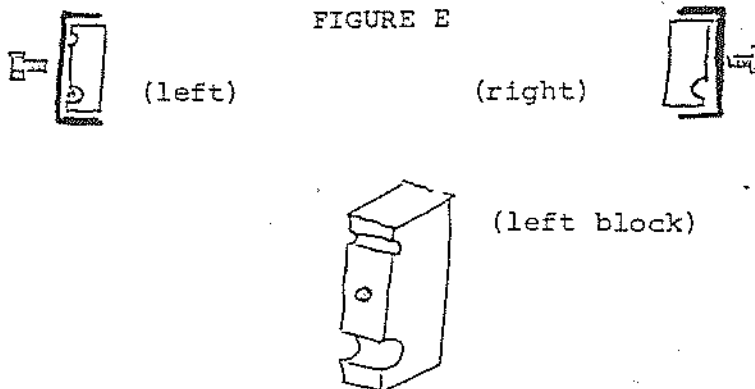


FIGURE E