

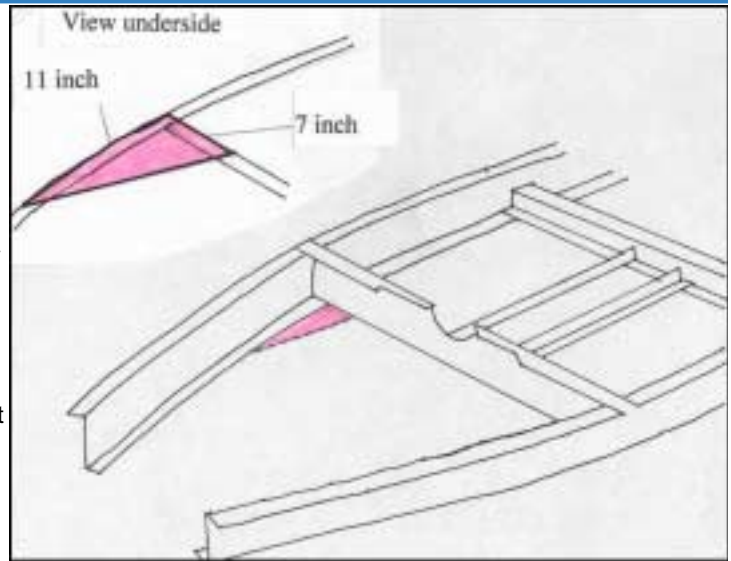
# Modifications to a Morgan Chassis: Strengthening the Front of the Chassis

Moggie Mechanic

The Morgan chassis consists of two large Z-shaped pieces of metal that are held apart by cross members that support the wooden or metal floorboards. This is usually referred to as a ladder chassis. Prior to about 1969 the chassis had very little strengthening to stop it going trapezoid in a collision or anything to stop the front "arms" being bent sideways in a front side-on collision. In the 1969 models Morgan added a strengthening part to the inside of the front "arms" to prevent or minimize distortion. This can be very easily added to a current car or added to a new chassis if it has not been included in the chassis manufacture.

Using a piece of 1/8th thick steel, cut it so that it goes about 11 inches up the side "arms" of the front part of the chassis and 7 inches along the cross member that supports the bulkhead (firewall). Seam weld this gusset on both the inside and outside to the chassis and cross member. To prevent water build-up, drill a half inch hole in the apex of the gusset where it meets the cross member and the side rail. Then smooth off the welds and you are ready for paint.

I hope that you never have need to test the strength added by this modification but you can relax knowing that your Moggie is now stronger.



Happy Motoring M.M.



## Announcing the New Ladies Regalia Collection

**3/4 Sleeve V-Neck T-Shirt  
with Morgan wings  
on left front**

Ladies sizes: M, L, XL

Colors: Light Pink, Banana, Red,  
Black, and White

A note on sizes: a member who normally takes a S or XS purchased a Medium at the Port Ludlow holiday banquet and reports that it fits perfectly.

**\$22 postpaid**

Order now from your Regalia Chairman:

**Dick Dice**

**7011 NE Baker Hill Rd, Bainbridge, WA 98110**

**206-855-9628**

**[dadice@earthlink.net](mailto:dadice@earthlink.net)**



**Tank Top  
with Morgan profile  
on left front and  
"Things of Beauty" on back**

Ladies sizes: M, L

Colors: Pink, Canary, Lavender,  
Black, and White

**\$18 postpaid**