

## Morgan Repair    Part 11

Last newsletter I discussed removing the body panels. Now I was ready to repair the cracks in the steel "Z" sections from the fire wall up. At the motor mounts of my Plus 3 there were cracks running horizontally through the 1/4" bolt holes about a distance of 1 1/2". These cracks were welded shut and the holes redrilled to 5/16". The 1/4" bolts had stretched, loosening the motor mounts and the persistent rocking action of the motor caused the holes to become elongated. The larger bolts would add greater strength.

At the front I discovered that the front end was loose. The 10 bolts again 1/4" had stretched and the rocking action here elongated the bolt holes. All holes were redrilled to 5/16" and 5/16" bolts installed replacing the 1/4" bolts. To ensure no more cracks would be produced in the area of the "Z" frame from the fire wall up, two new "Z" sections were manufactured and connected to the outside of the existing frame sections. These sections tapered off 16 inches behind the fire wall to produce a gradual reduction in the section modulus, reducing high loading points. All bolts now went through the double "Z" sections on both sides. This part of the repair took about a month and a half.

I feel the larger bolts and re-inforced steel sections will eliminate the cracking and elongation of holes holding crucial parts of the car together. It does not appear to have changed the flexing characteristics of the front frame section. The added strength will certainly help.

From this point on I felt more enthusiastic and enjoyed the rest of the rebuilding program, especially the wood work which I will cover in Part 111 in a future newsletter. I have to write it yet,

NH

### NOTE

New address...Douglas O. Ellis (Curley) Pres.,  
Metro Motors,  
P.O. Box 2303, Windsor, Ontario, N9Y 4S2  
Phone; 519-253-2533 (Canada)  
313-965-7656 (USA)

They are still getting Morgan parts from GB, but  
deliveries are very slow.



# LIST OF 1974 T-HOG MEMBERS

Ross Bateman, R.R.#3, Langton, Ontario	1968 4/4 Comp.
Audrey Beer, P.O.Box 137, Bolton, Ont.	1956 +4 S.S.
Montague Black, 23 Wilket Rd., Willowdale, Ont.	1970 4/4
Scott Barrie, 31 Delholme Ave., Brantford, Ont.	1963 +4
Michael Brown, 903 Parent Ave., Windsor, Ont.	1961 +4
John Batstone, 100 Rochampton, #1310, Toronto, Ont.	1968 4/4 Comp.
Bob Chevako, 1375 Swift Rd., Fabius, New York	
Jerry Dionno, 3314 Sinnicks St., Niagara Falls, Ont.	1966 4/4
Gil Baker, Box 913, Kingsville, Ont.	4/4
Dave Farnor, 5760 Decelles Ave., #408, Montreal, Que.	1959 +4
Jeff Frey, 302 Fall Creek Dr., Ithaca, New York	1971 +3
Michael Geluch, 84 Burrows, Islington, Ont.	1952 +4
Dr. Robert Ginsberg, 48 Strathearn, Toronto, Ont.	1971 4/4
Dr. Beverly Harris, 8 St. Joseph St., Toronto, Ont.	1967 4/4
Stuart Harvey, 6 Highgate, Islington, Ont.	1934 3 Wheeler
Norm Hendrycks, 3308 Wyewood, Milton, Ont.	1969 +8
Jim Hutchinson, 395 Dundas St., P.O.Box 941, Woodstock, Ont.	4/4
Ron Mutner, 225 Davisville, #1711, Toronto, Ont.	1970 4/4
Ben Kelter, 396 Dorchester Cr., Burlington, Ont.	1932 3 Wheeler
Gord Kavander, 51 Griffen Dr., Scarborough, Ont.	1960 +4 DH
Dr. Kenneth Lumb, P.O.Box 753, Fort Smith, N.W.T.	1970 +3
Douglas Ellis, Metro Motors, Box 2303, Windsor, Ont.	
Don Miller, 2048 Retallack St., Regina, Sask.	3 Wheeler
Ray Montford, 85 Potterfield Rd., Rexdale, Ont.	1969 +8
Doug Painter, 1216 York Mills Rd., Don Mills, Ont.	
Doug Price, 1316 Snowden St., Ottawa, Ont.	1959 +4 DH
Bob Pritchard, 154 Riverside Dr., Toronto, Ont.	1970 4/4
David Ross, 65 Southport St., #1503, Toronto, Ont.	1968 +4
Dave Robertson, P.O.Box 892, St. Catharines, Ont.	
Ken Stricker, 23 Sky Acres Rd., Brantford, Ont.	1969 4/4
Larry Stein, 5 Blaydon Ave., Toronto, Ont.	1967 +4 S.S.
Dave Smith, 4 Goodwood, Bramalea, Ont.	1933 3 Wheeler
Sue Stevenson, 317 The Kingsway, #17, Islington, Ont.	1969 +4
Bob Sillcox, R.R.#3, King, Ont.	1970 4/4
Ron Varey, 135 Autumnwood Dr., Thunder Bay, Ont.	1957 +4
Peter Vickery, 567 Merton St., Toronto, Ont.	1968 4/4
Colin Watson, 19 Cranleigh Court, Islington, Ont.	1969 4/4
Dave Woodcock, 256 St. Andrew St., Galt, Ont.	1966 +4
Philip Wade, 813 Duplex Ave., #3, Toronto, Ont.	1969 +4

## Courtesy Members

Al Miller, Cal. Mog., 4461 Morse Ave., Studio City, Cal.  
 Ken Gross, 3 Wheeler Club, 8 Loewen Court, Rye, New York  
 Pat Kobielski, Great Lakes Mog, 26559 Meadowood, Lathrup Village, Mich.  
 Doug Ellis, Metro Motors, P.O.Box 2303, Windsor, Ont.  
 Bob McKee, MGT Register, 86 Joicey, Toronto, Ont.  
 R. Stern, Stern Motors, 3712 Grandview HWY, Burnaby 2, Vancouver, BC  
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