



adjustability was chosen suspension Roll center location is permit a Pull roa location. typical and to shock lower fair d







SPIRIT OF PASHLEY

When I was in school, I received a ride in a hand built sportscar special powered by a two stroke Mercury and finally here it is! would allow me to finish that dream a summar spirit. Four years ago I decided that the Sports Car Club of dreamed of building a race car with a similar spirit. Four years ago U Ever since then, Sports Racer

could of the My goal was performing as much the fabrication, welding, body-rk and painting myself, as I

Honda action and uses an elegant bearing carrier sourced from Omni Fab. Accusump accumulator were added to the lubrication system. The final drive is "locked" with no differential chain drive allows me to run at 900lbs versus 1000lbs for transaxle The engine is an essentially stock and CBR 900RR (Fireblade) -An external oil filter

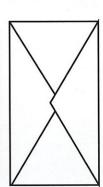
where for a floor pan and front and side crush structures. The front bulkhead was 1/4" thick aluminum and riveted to the chassis to provide a stressed skin and was used elsemost chassis and suspension mem-bers. Aluminium sheet was bonded For ease of fabrication, mild steel 3/4" square tubing was used for plate to allow direct mounting of the

ter location is fairly typical for cur-rent race car design. Koni shocks Pull rod type suspension was chosen for adjustability and to per-mit a lower shock location. Roll cen-Coleman discs Wilwood four piston rather than light weight. chosen 0 o Penske. Uprights fabricated for stree type less calipers or strength . Brakes are

size of openings changing. The body is a wet layup of fiberglass cloth and epoxy. There is also a front splitter with diffusor. The wing is a foam nel core with fiberglass covering. All aero was refined in the intuitive tunused for the front and rear halves of out of a desire to minimize the quantity of molds. The same mold is out of a desire The body car with only the location shape was developed and

30 months and exceeded the weight goal by 80 lb. The name of the car is based on one of my favorite old television shows, The Prisoner. For the curious; exceeded the I doubled schedule

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slightly rearward of the line of the ti rod end, ie 3-inch steering arm - 2. rack position. This will give yo around 20 degrees turn on insid June/July issue, the rack needs that if you plan your steering arms as per Allan Staniforth's Sketch 2 in the just about all cases. problem of achieving Akermann for saloon cars and encounter the I fabricate a lot of front suspensions , 18.5 to 18- degrees s will give turn on in I have inside found to lie

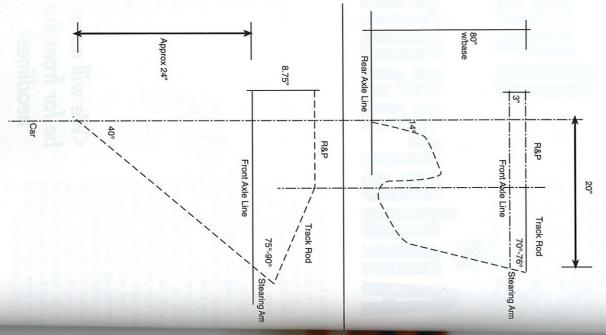
If the rack is mounted as little as 3-inch in front from the track rod end, you have the effect you found -

20 degrees inner, 22 degrees outer do my initial layout trying to get the steering arm to tie rod at no more than 90 degrees - make some temporary steering arms and test the steering on wheel alignment tumbus teering to get the steering arm to tie rod at no more than 90 degrees - make some temporary teering arms and test the steering arms and test the steering arms are the steering arms and test the steering arms are the steering ar bles. I can then fiddle with the am to obtain the desired inner to our

wheel difference in degrees.

When you look at the picture your steering arm/ tie rod - the fix holes look slightly more than 9 degrees - the 200% hole say about 15. steering arm are closer to the buttom outer ball and the steering are facilities. is hard to obtain much more than degrees difference as the rack at interesting to see turntable results all three positions. On a saloon a finds the brake disc in the way. 6 70 degrees. It would

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