



TORQUE TUBE

Newsletter of Riley Motor Club Qld Inc January 2014

www.rileyqld.org.au



Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

williamshort@aapt.net.au Ph.0738867236

Next Meeting: Annual General Meeting. Will commence at 10am on **Sunday 16th February 2014.**

Club Shed

Ex CSIRO Grounds Samford

DISCLAIMER: *The Riley Motor Club Qld Inc. accepts no responsibility for the results of contributor's advice, nor does it endorse any services/ goods/ products offered by advertisers. Opinions expressed in this Newsletter are not necessarily those of the Club, its Officers, or its Editor.*

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This is an abridged Torque Tube but felt that there was a need to disseminate some information

Cheers.
Bill.

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21st to 24th

Riley National Rally at Mittagong.

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18th, 19th, 20th

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hubrally2014@iinet.net.au

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Roma Historical Motor Club inc. Easter in the country 2014 enquiries
Kerry Culverhouse 4622 6896 or 0433 144 525 or Robyn Dawes
46222215 or 0419 771 304

June

7th, 8th, 9th

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2014sqhmc@bvac.com.au

July

Sunday 13th

RACQ Motorfest

February 2015

The Riley Car Club of New Zealand National Rally Bill Riley b.riley@xtra.co.nz

I have put together a tentative itinerary for the run to Mittagong in March which the incoming Club Captain and participants may or may not adopt.

Depart :-

Wednesday 19th March to Warwick, Tenterfield, Glen Innis

Thursday 20th to Armidale, Uralla, Walcha, Gloucester, Dungog.

Friday 21st to Maitland, Wiseman's ferry, Windsor, Camden, Picton, Mittagong.

Meets and Show Events

February

Saturday 1st Sunday 2nd

Toowoomba swap.

THE 2013 RILEY MOTOR CLUB QLD ELECTED COMMITTEE		
PRESIDENT:	Ken Lonie	0409 613 231
VICE PRESIDENT:	Alan Hill	07 3289 1063
SECRETARY:	Mark Baldock	07 5491 5409 norest1@bigpond.com
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ASSISTANT SPARE PARTS OFFICER:	Graham Mackay	0418 719 309
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EDITOR:	Bill Short	07 3886 7236 williamshort@aapt.net.au
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Timber frames for a RM Riley

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To start off this story, 'what timber did they choose and why?' Forget about the original species of timber. In order to achieve strength and durability the Riley craftsmen chose close long grained timber and they chose examples that had no appearance of flaws. They also chose timber that was local and readily available. I didn't always think along these lines and so the first door posts I made were from Tassie Oak. I now know better. After making four or five sets of door posts I have descended into the apostasy of using local good quality hard wood of any type. Since you cannot go to a local hardware store and get exactly the right size timber a post will cost anything from \$60 to \$120 depending on what species of timber you buy. The timber then needs to be cut to 1170 mm long and 675 mm squared.

The second issue is tools. I don't recommend you attempt the task with a hand saw and spoke shave, although you could if you had plenty of time on your hands and your first name was Leonardo.

In my arsenal of tools I have a radial arm saw for cutting the timber length accurately, a Triton work bench with fence and a Makita saw that achieves a slightly wider than 675 mm square shape. I also have a band saw for cutting a piece out of the top of the posts to accommodate the window surround timbers and a piece from the bottom of the post to screw it to the bottom rail. The final sizes are achieved using a De Walt thicknesser. Finally, a Makita 3612 router with Triton Router Template Guide kit makes it possible to use the templates. Using a good quality half inch 12 mm router tip makes routing easy. To achieve accurate depths you will need a vernier or other instrument that will provide accurate depth measurements for the router.

The third issue is creating various templates to cut the shapes. After some consideration I came to the conclusion that the templates were best made together with left and right posts next to each other with the top templates mirrored so both posts can be cut at the same time. The side facing the door was their cut first, then the posts were flipped over and the shapes on the front side were cut and finally the posts were turned sideways and the outside shape was cut. They say the devil is in the detail so what follows is a description of building a devilish Riley door post.

All of the template bases were made from half inch thick chipboard. The first one has one inch square pine pieces screwed to the base so that the post fits snugly against the pine pieces on the base template. Outside of these are timber spacers 75 mm high. The top templates are screwed to these allowing the router to cut the shapes through the top templates. The first top template has the top door grommet shape cut into it and the door catch cavity and the door recess cut into it. This is then screwed down onto the base template. The grommet shape is then cut 10 mm deep, and the door catch cavity is cut 13 mm deep. The top template is then removed and second top template screwed on. This is the shape for the quarter panel bottom timber recess. The router is then used so that the bottom cut blends from nothing to the 13 mm recess for the door recess. Sound simple so far? If not the accompanying pictures may help you make sense of the written description.

The second base template has other one inch square timber pieces screwed to it so that the posts fit snugly into the template. This time the spacers are attached to the top templates to allow the different templates to be changed as the project requirements proceed. Prior to attaching the first top template I use the radial saw to cut the post 90 mm from the top and 400 mm deep on the opposite side of the posts. This is to accommodate the window surround timbers. The piece is then lopped off using a band saw. The final cut is made later using the router.

The top template enables an accurate angled cut from the top to the bottom of the post. The cuts need to be made in two steps as the router doesn't plunge deep enough to pick up the entire post. The first cut is made with a 35 mm spacer under the angled timber that produces the desired shape. With the 35 mm spacers removed the angled timber is replaced with its top template and the final cut can be made allowing the post to take on the final shape of the front of the door post. The second top template provides the shape for the window recess and the timber that goes from the right post to the left post along the bottom of the window. The cut is made 15 mm deep. The next top template is to produce the outside curve of the window. Don't be concerned if your router doesn't plunge deep enough to remove all of the timber as a sharp chisel can be utilized to finish the cut as the curve has already been achieved. The next top template goes on at the top of the post and the remainder of the material is cut away for the top window rail. The final top template goes on in the middle of the post and the last slot is cut into the post.

Prior to the last base template being employed trim off the excess timber at the bottom of the door posts using the band saw. Be careful to leave enough material for the router to make the right angle and depth to secure the posts to the bottom rail of the car.

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Riley RME 1952(?) One and a half litres.
Located in Brisbane. Qld club registered (not transferable?).
Mostly original (original air filter is in the boot).
New tyres (falkens with tubes).
Has original leather in the back seat, vinyl seats in the front.
Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

Original Gold Coast Swap at Mudgeeraba | 6am – 2pm Sunday 20th July 2014

Venue: Mudgeeraba Showgrounds, Cnr Mudgeeraba & Worongary Rds, Mudgeeraba QLD .

Free parking in grounds. Entry from Worongary Rd. One of the biggest swaps in SE Qld. Historic Car parts, Memorabilia, Model Cars, Antiques, Collectables.

Adult Entry \$4; Outdoor sites \$10 inc driver (no booking required).

Saturday set up 2pm to 5pm. Camping available \$15 inc amenities & limited power sites. Sunday – Gates open 5am for stall holders. Trading 6am 2pm Sunday only.

Full catering available.

Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

Official Site: <http://goldcoastswap.zzl.org/>

Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

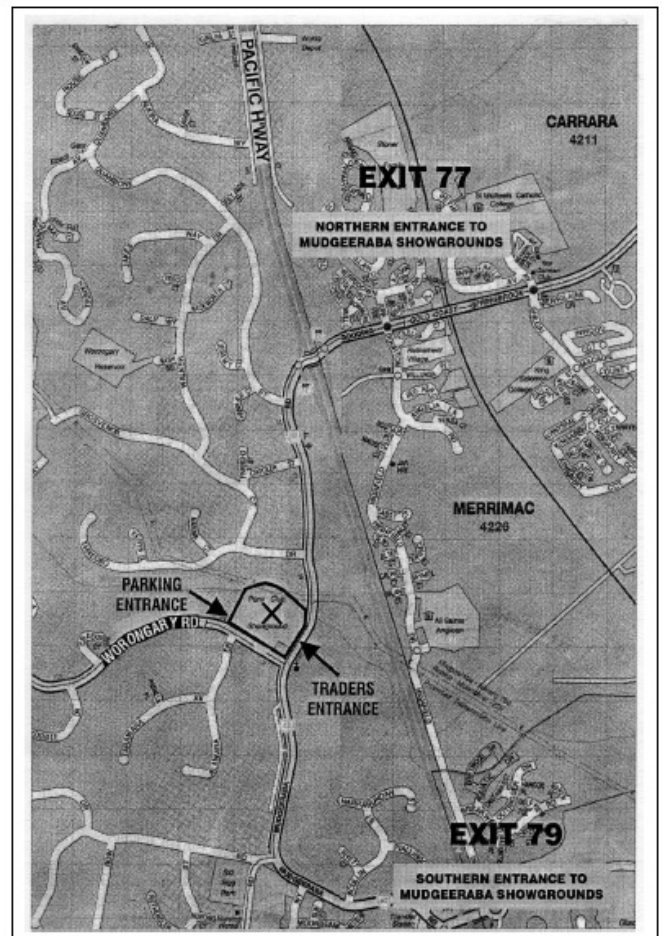
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ADMISSION ADULTS \$4.00

- Outdoor sites \$10, including driver (No booking required)
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The Annual

President's

Rally

Sunday 19th January, 2014

Please join us for an exciting day exploring Brisbane's Roma Street Parkland. This awesome subtropical oasis in central Brisbane was once the ugly, rat infested stinking railway yards and fruit & vege markets.

We have organised a guided walking tour for our group and/or a tootle on the Parkland Explorer (train) with audio presentation.

We meet at 9.30am for morning tea at Frangipani Court in the Gardens, set off on our tour of the Parklands before enjoying lunch

- **Option 1: in the Melange café in the Carriage Shed – the lunch menu is good, average price under \$20. Also licensed.**
- **Option 2: BYO picnic lunch (tables available)**

See over for specific directions for parking and our Meeting place

I do require you to RSVP please by 12th January for catering (morning tea and lunch and numbers for the guided walking tour/Parkland explorer train) purposes. Mobile 0417 857075

Ken Lonie

President, Queensland Riley Club

Parking: Enter the Parkland from the junction of Gregory Terrace & College Road. (Coming from the South Side, travel along Wickham Terrace then turn left – coming from north, travel along Gregory Terrace and proceed straight across Wickham terrace into the Parkland - then proceed down and park in College Close on the right.

This is metered parking \$1 per hour (4 – 5 hours should cover our time)

Alternatively there is probably street parking on Wickham Terrace on a Sunday

Another option may be to train it in to Roma Street Railway Station From the College Close Carpark, walk through the Roma St. Parkland entrance (blue writing on a terracotta background) and enjoy your walk towards Frangipani Court – head towards the café, keeping the lake on your right. You will see shelters, barbeques, toilets etc at the southern end of the lake – this is where we will have morning tea. All provided for, just bring your cups/mugs.

What to Bring:

- **Bring brollies if the weather is inclement**
- **Bring coins for the parking meters**
- **Gold coin donation for the Parkland Explorer trip.**
- **Cups/mugs for morning T**

Please don't forget to RSVP.

And fingers crossed for great weather



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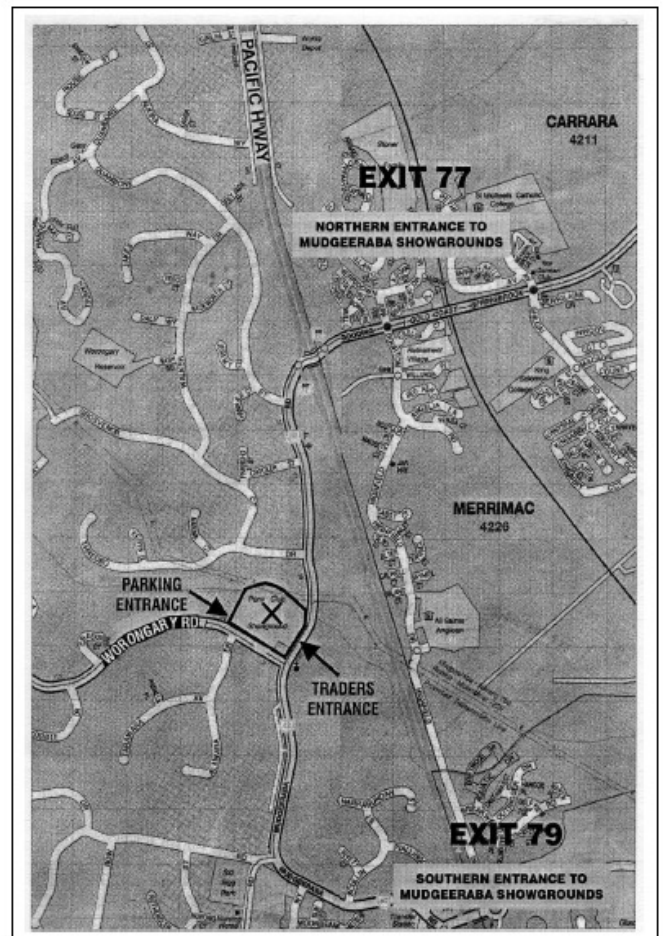
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July

Sunday 13th

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February 2015

The Riley Car Club of New Zealand National Rally Bill Riley b.riley@xtra.co.nz

I have put together a tentative itinerary for the run to Mittagong in March which the incoming Club Captain and participants may or may not adopt.

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Saturday 1st Sunday 2nd

Toowoomba swap.

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PRESIDENT:	Ken Lonie	0409 613 231
VICE PRESIDENT:	Alan Hill	07 3289 1063
SECRETARY:	Mark Baldock	07 5491 5409 norest1@bigpond.com
TREASURER:	Linden Thomson	07 3139 1524
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Timber frames for a RM Riley

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In my arsenal of tools I have a radial arm saw for cutting the timber length accurately, a Triton work bench with fence and a Makita saw that achieves a slightly wider than 675 mm square shape. I also have a band saw for cutting a piece out of the top of the posts to accommodate the window surround timbers and a piece from the bottom of the post to screw it to the bottom rail. The final sizes are achieved using a De Walt thicknesser. Finally, a Makita 3612 router with Triton Router Template Guide kit makes it possible to use the templates. Using a good quality half inch 12 mm router tip makes routing easy. To achieve accurate depths you will need a vernier or other instrument that will provide accurate depth measurements for the router.

The third issue is creating various templates to cut the shapes. After some consideration I came to the conclusion that the templates were best made together with left and right posts next to each other with the top templates mirrored so both posts can be cut at the same time. The side facing the door was their cut first, then the posts were flipped over and the shapes on the front side were cut and finally the posts were turned sideways and the outside shape was cut. They say the devil is in the detail so what follows is a description of building a devilish Riley door post.

All of the template bases were made from half inch thick chipboard. The first one has one inch square pine pieces screwed to the base so that the post fits snugly against the pine pieces on the base template. Outside of these are timber spacers 75 mm high. The top templates are screwed to these allowing the router to cut the shapes through the top templates. The first top template has the top door grommet shape cut into it and the door catch cavity and the door recess cut into it. This is then screwed down onto the base template. The grommet shape is then cut 10 mm deep, and the door catch cavity is cut 13 mm deep. The top template is then removed and second top template screwed on. This is the shape for the quarter panel bottom timber recess. The router is then used so that the bottom cut blends from nothing to the 13 mm recess for the door recess. Sound simple so far? If not the accompanying pictures may help you make sense of the written description.

The second base template has other one inch square timber pieces screwed to it so that the posts fit snugly into the template. This time the spacers are attached to the top templates to allow the different templates to be changed as the project requirements proceed. Prior to attaching the first top template I use the radial saw to cut the post 90 mm from the top and 400 mm deep on the opposite side of the posts. This is to accommodate the window surround timbers. The piece is then lopped off using a band saw. The final cut is made later using the router.

The top template enables an accurate angled cut from the top to the bottom of the post. The cuts need to be made in two steps as the router doesn't plunge deep enough to pick up the entire post. The first cut is made with a 35 mm spacer under the angled timber that produces the desired shape. With the 35 mm spacers removed the angled timber is replaced with its top template and the final cut can be made allowing the post to take on the final shape of the front of the door post. The second top template provides the shape for the window recess and the timber that goes from the right post to the left post along the bottom of the window. The cut is made 15 mm deep. The next top template is to produce the outside curve of the window. Don't be concerned if your router doesn't plunge deep enough to remove all of the timber as a sharp chisel can be utilized to finish the cut as the curve has already been achieved. The next top template goes on at the top of the post and the remainder of the material is cut away for the top window rail. The final top template goes on in the middle of the post and the last slot is cut into the post.

Prior to the last base template being employed trim off the excess timber at the bottom of the door posts using the band saw. Be careful to leave enough material for the router to make the right angle and depth to secure the posts to the bottom rail of the car.

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Located in Brisbane. Qld club registered (not transferable?).
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New tyres (falkens with tubes).
Has original leather in the back seat, vinyl seats in the front.
Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

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Full catering available.

Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

Official Site: <http://goldcoastswap.zzl.org/>

Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

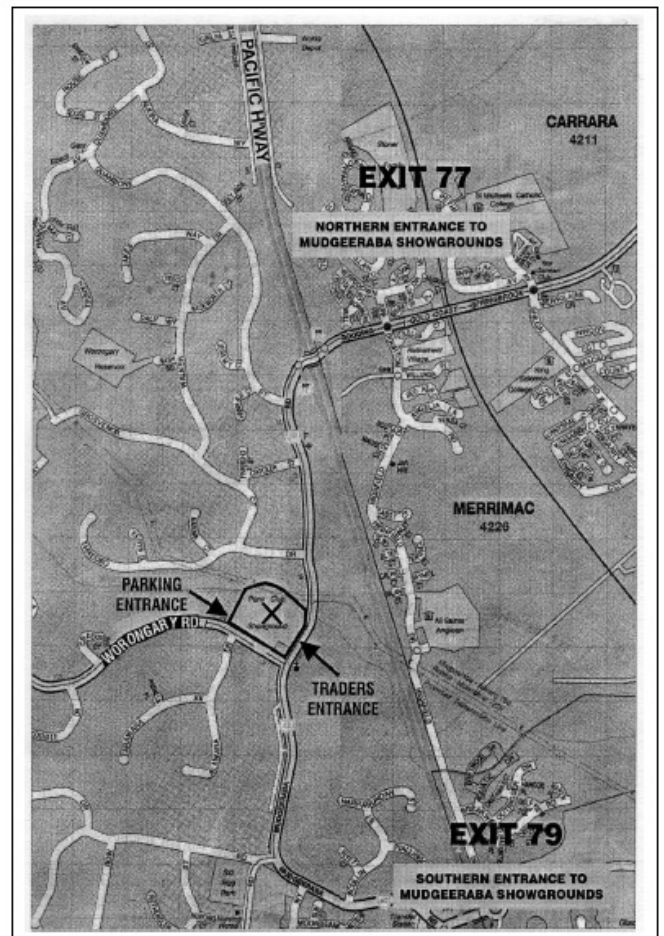
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Sunday 19th January, 2014

Please join us for an exciting day exploring Brisbane's Roma Street Parkland. This awesome subtropical oasis in central Brisbane was once the ugly, rat infested stinking railway yards and fruit & vege markets.

We have organised a guided walking tour for our group and/or a tootle on the Parkland Explorer (train) with audio presentation.

We meet at 9.30am for morning tea at Frangipani Court in the Gardens, set off on our tour of the Parklands before enjoying lunch

- **Option 1: in the Melange café in the Carriage Shed – the lunch menu is good, average price under \$20. Also licensed.**
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See over for specific directions for parking and our Meeting place I do require you to RSVP please by 12th January for catering (morning tea and lunch and numbers for the guided walking tour/Parkland explorer train) purposes. Mobile 0417 857075

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What to Bring:

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- **Cups/mugs for morning T**

Please don't forget to RSVP.

And fingers crossed for great weather



TORQUE TUBE

Newsletter of Riley Motor Club Qld Inc January 2014

www.rileyqld.org.au



Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

williamshort@aapt.net.au Ph.0738867236

Next Meeting: Annual General Meeting. Will commence at 10am on **Sunday 16th February 2014.**

Club Shed

Ex CSIRO Grounds Samford

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This is an abridged Torque Tube but felt that there was a need to disseminate some information

Cheers.
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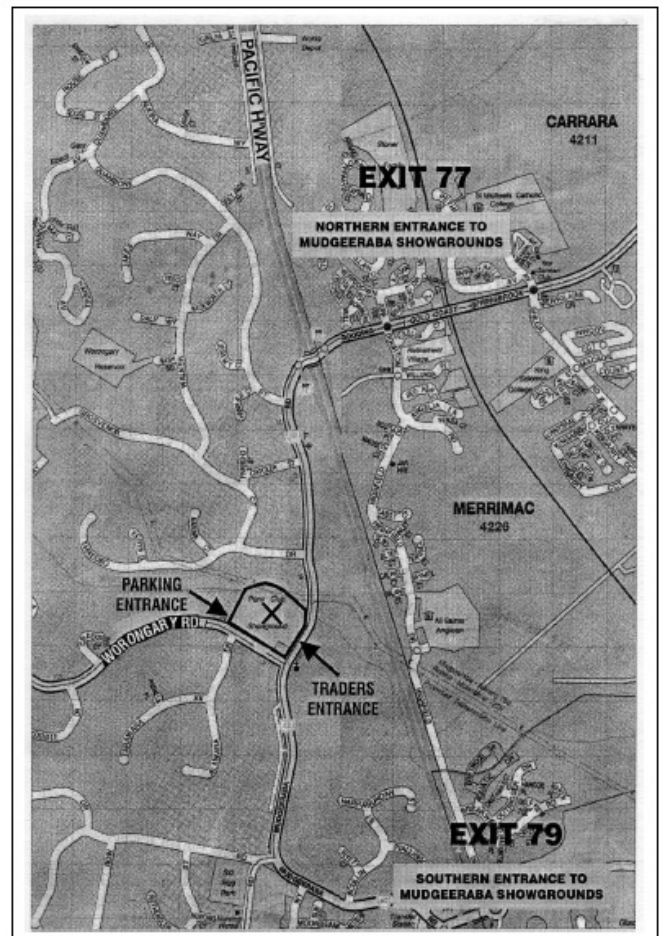
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EDITOR:	Bill Short	07 3886 7236 williamshort@aapt.net.au
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In my arsenal of tools I have a radial arm saw for cutting the timber length accurately, a Triton work bench with fence and a Makita saw that achieves a slightly wider than 675 mm square shape. I also have a band saw for cutting a piece out of the top of the posts to accommodate the window surround timbers and a piece from the bottom of the post to screw it to the bottom rail. The final sizes are achieved using a De Walt thicknesser. Finally, a Makita 3612 router with Triton Router Template Guide kit makes it possible to use the templates. Using a good quality half inch 12 mm router tip makes routing easy. To achieve accurate depths you will need a vernier or other instrument that will provide accurate depth measurements for the router.

The third issue is creating various templates to cut the shapes. After some consideration I came to the conclusion that the templates were best made together with left and right posts next to each other with the top templates mirrored so both posts can be cut at the same time. The side facing the door was their cut first, then the posts were flipped over and the shapes on the front side were cut and finally the posts were turned sideways and the outside shape was cut. They say the devil is in the detail so what follows is a description of building a devilish Riley door post.

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Prior to the last base template being employed trim off the excess timber at the bottom of the door posts using the band saw. Be careful to leave enough material for the router to make the right angle and depth to secure the posts to the bottom rail of the car.

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Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

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Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

Official Site: <http://goldcoastswap.zzl.org/>

Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

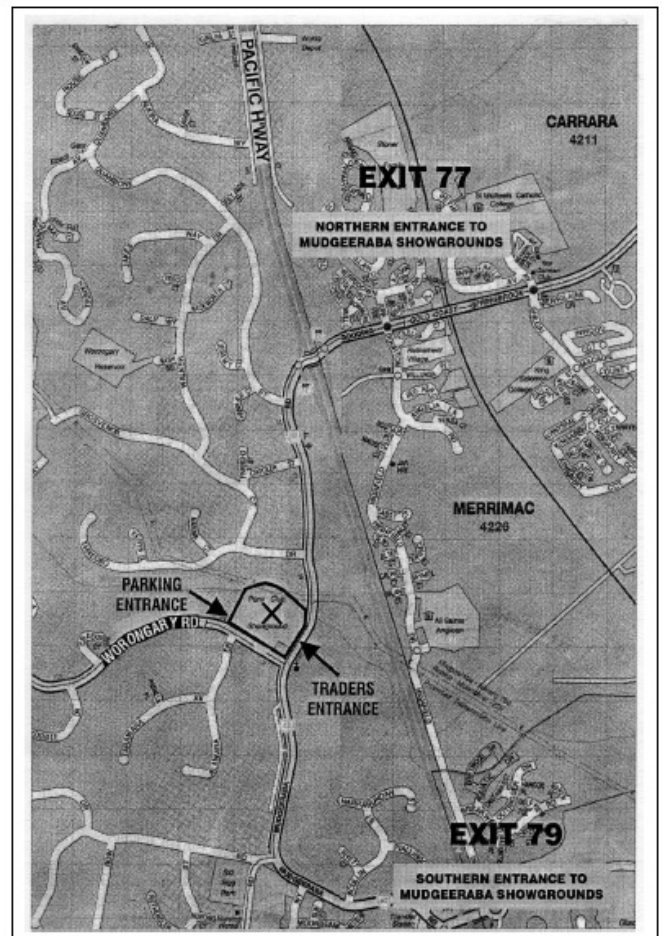
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President's

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Sunday 19th January, 2014

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We have organised a guided walking tour for our group and/or a tootle on the Parkland Explorer (train) with audio presentation.

We meet at 9.30am for morning tea at Frangipani Court in the Gardens, set off on our tour of the Parklands before enjoying lunch

- **Option 1: in the Melange café in the Carriage Shed – the lunch menu is good, average price under \$20. Also licensed.**
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See over for specific directions for parking and our Meeting place I do require you to RSVP please by 12th January for catering (morning tea and lunch and numbers for the guided walking tour/Parkland explorer train) purposes. Mobile 0417 857075

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This is metered parking \$1 per hour (4 – 5 hours should cover our time)

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What to Bring:

- **Bring brollies if the weather is inclement**
- **Bring coins for the parking meters**
- **Gold coin donation for the Parkland Explorer trip.**
- **Cups/mugs for morning T**

Please don't forget to RSVP.

And fingers crossed for great weather



TORQUE TUBE

Newsletter of Riley Motor Club Qld Inc January 2014

www.rileyqld.org.au



Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

williamshort@aapt.net.au Ph.0738867236

Next Meeting: Annual General Meeting. Will commence at 10am on **Sunday 16th February 2014.**

Club Shed

Ex CSIRO Grounds Samford

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I hope everyone is getting over the Christmas cheer and is heading for a great New Year.

This is an abridged Torque Tube but felt that there was a need to disseminate some information

Cheers.
Bill.

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The Christmas party at the shed went off very well with a surprising number in attendance some from as far away as Gympie which was good to see. Now for the New Year which seems to promise lots of exciting runs.

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46222215 or 0419 771 304

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7th, 8th, 9th

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Saturday 1st Sunday 2nd

Toowoomba swap.

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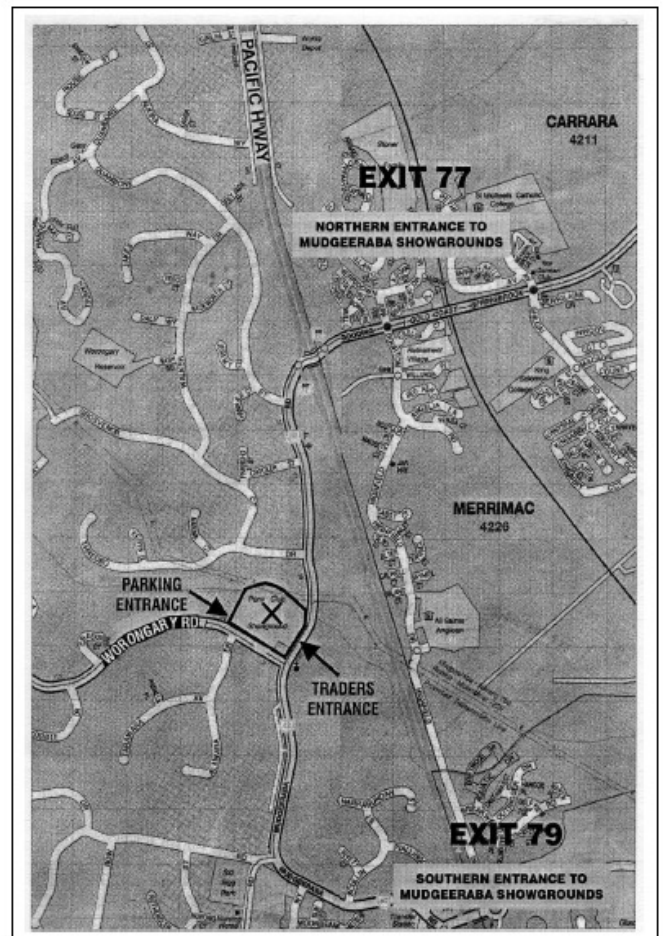
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The second issue is tools. I don't recommend you attempt the task with a hand saw and spoke shave, although you could if you had plenty of time on your hands and your first name was Leonardo.

In my arsenal of tools I have a radial arm saw for cutting the timber length accurately, a Triton work bench with fence and a Makita saw that achieves a slightly wider than 675 mm square shape. I also have a band saw for cutting a piece out of the top of the posts to accommodate the window surround timbers and a piece from the bottom of the post to screw it to the bottom rail. The final sizes are achieved using a De Walt thicknesser. Finally, a Makita 3612 router with Triton Router Template Guide kit makes it possible to use the templates. Using a good quality half inch 12 mm router tip makes routing easy. To achieve accurate depths you will need a vernier or other instrument that will provide accurate depth measurements for the router.

The third issue is creating various templates to cut the shapes. After some consideration I came to the conclusion that the templates were best made together with left and right posts next to each other with the top templates mirrored so both posts can be cut at the same time. The side facing the door was their cut first, then the posts were flipped over and the shapes on the front side were cut and finally the posts were turned sideways and the outside shape was cut. They say the devil is in the detail so what follows is a description of building a devilish Riley door post.

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The second base template has other one inch square timber pieces screwed to it so that the posts fit snugly into the template. This time the spacers are attached to the top templates to allow the different templates to be changed as the project requirements proceed. Prior to attaching the first top template I use the radial saw to cut the post 90 mm from the top and 400 mm deep on the opposite side of the posts. This is to accommodate the window surround timbers. The piece is then lopped off using a band saw. The final cut is made later using the router.

The top template enables an accurate angled cut from the top to the bottom of the post. The cuts need to be made in two steps as the router doesn't plunge deep enough to pick up the entire post. The first cut is made with a 35 mm spacer under the angled timber that produces the desired shape. With the 35 mm spacers removed the angled timber is replaced with its top template and the final cut can be made allowing the post to take on the final shape of the front of the door post. The second top template provides the shape for the window recess and the timber that goes from the right post to the left post along the bottom of the window. The cut is made 15 mm deep. The next top template is to produce the outside curve of the window. Don't be concerned if your router doesn't plunge deep enough to remove all of the timber as a sharp chisel can be utilized to finish the cut as the curve has already been achieved. The next top template goes on at the top of the post and the remainder of the material is cut away for the top window rail. The final top template goes on in the middle of the post and the last slot is cut into the post.

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Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

Original Gold Coast Swap at Mudgeeraba | 6am – 2pm Sunday 20th July 2014

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Full catering available.

Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

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Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

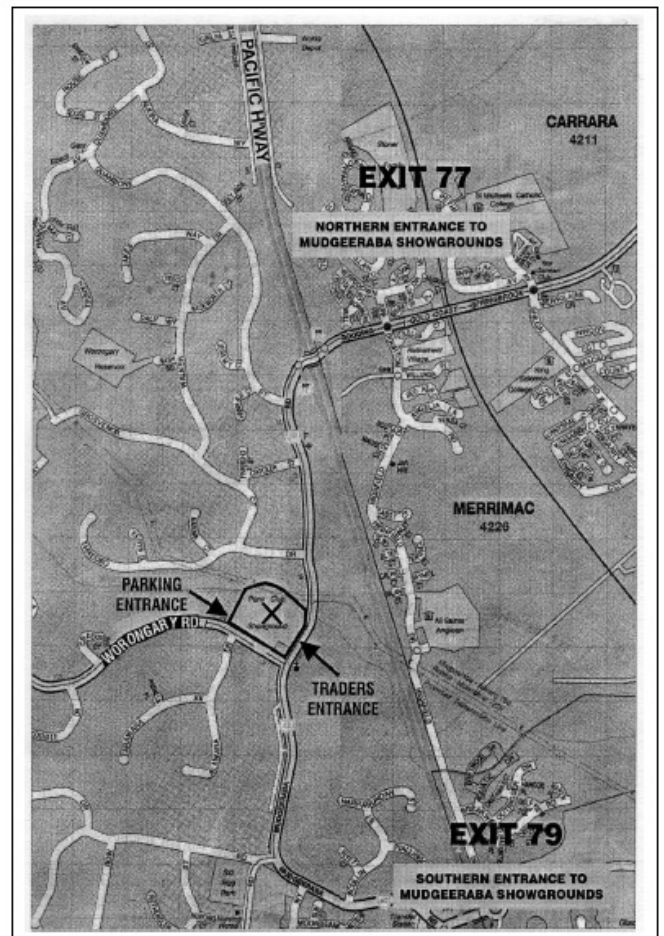
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Sunday 19th January, 2014

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We meet at 9.30am for morning tea at Frangipani Court in the Gardens, set off on our tour of the Parklands before enjoying lunch

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This is metered parking \$1 per hour (4 – 5 hours should cover our time)

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What to Bring:

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- **Bring coins for the parking meters**
- **Gold coin donation for the Parkland Explorer trip.**
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Please don't forget to RSVP.

And fingers crossed for great weather



TORQUE TUBE

Newsletter of Riley Motor Club Qld Inc January 2014

www.rileyqld.org.au



Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

williamshort@aapt.net.au Ph.0738867236

Next Meeting: Annual General Meeting. Will commence at 10am on **Sunday 16th February 2014.**

Club Shed

Ex CSIRO Grounds Samford

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This is an abridged Torque Tube but felt that there was a need to disseminate some information

Cheers.
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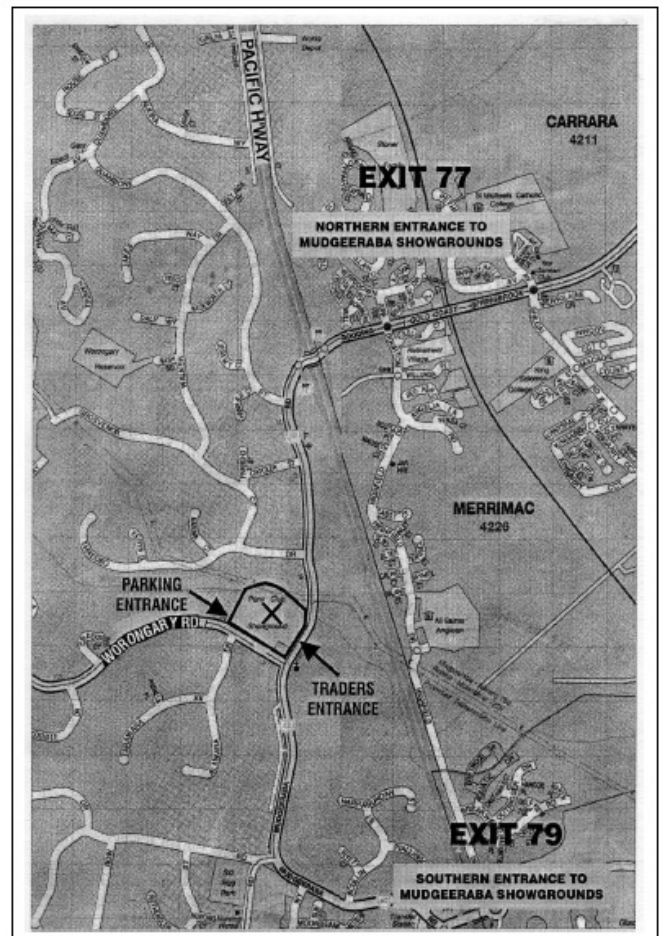
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Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

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Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

Official Site: <http://goldcoastswap.zzl.org/>

Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

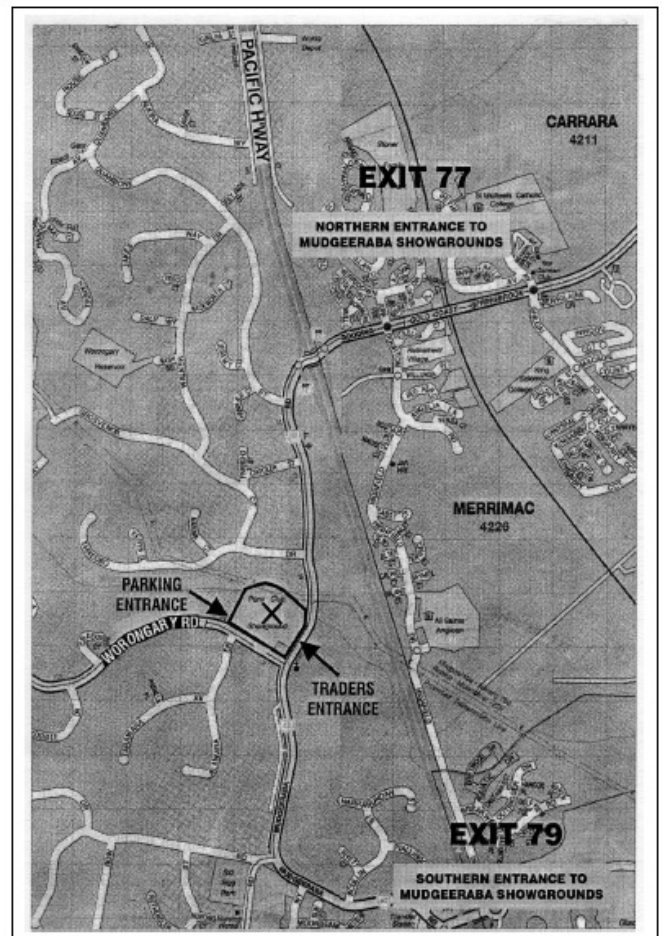
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We meet at 9.30am for morning tea at Frangipani Court in the Gardens, set off on our tour of the Parklands before enjoying lunch

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This is metered parking \$1 per hour (4 – 5 hours should cover our time)

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What to Bring:

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- **Bring coins for the parking meters**
- **Gold coin donation for the Parkland Explorer trip.**
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Please don't forget to RSVP.

And fingers crossed for great weather



TORQUE TUBE

Newsletter of Riley Motor Club Qld Inc January 2014

www.rileyqld.org.au



Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

williamshort@aapt.net.au Ph.0738867236

Next Meeting: Annual General Meeting. Will commence at 10am on **Sunday 16th February 2014.**

Club Shed

Ex CSIRO Grounds Samford

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This is an abridged Torque Tube but felt that there was a need to disseminate some information

Cheers.
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Timber frames for a RM Riley

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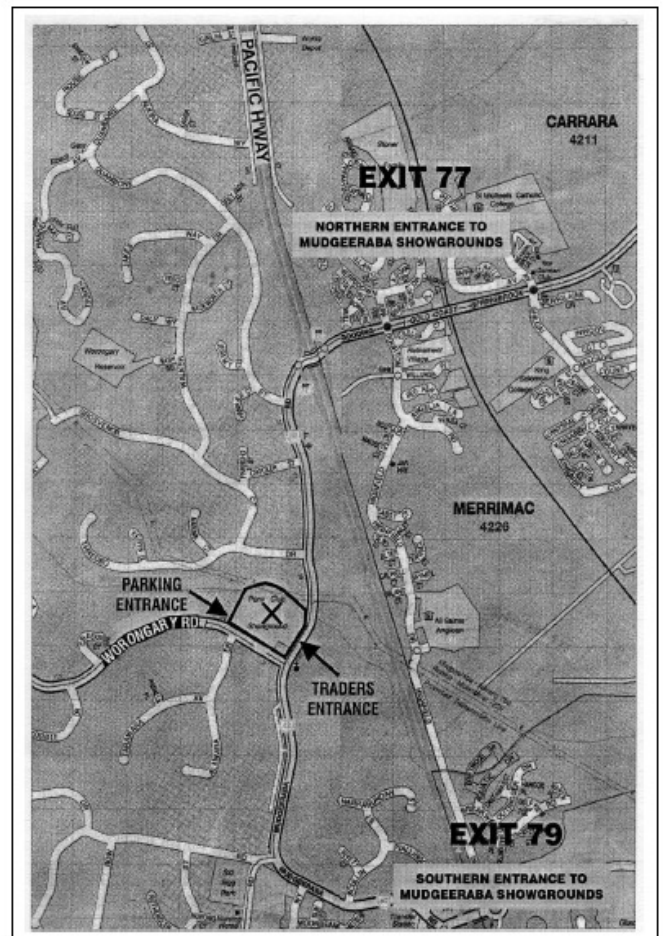
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Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

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The top template enables an accurate angled cut from the top to the bottom of the post. The cuts need to be made in two steps as the router doesn't plunge deep enough to pick up the entire post. The first cut is made with a 35 mm spacer under the angled timber that produces the desired shape. With the 35 mm spacers removed the angled timber is replaced with its top template and the final cut can be made allowing the post to take on the final shape of the front of the door post. The second top template provides the shape for the window recess and the timber that goes from the right post to the left post along the bottom of the window. The cut is made 15 mm deep. The next top template is to produce the outside curve of the window. Don't be concerned if your router doesn't plunge deep enough to remove all of the timber as a sharp chisel can be utilized to finish the cut as the curve has already been achieved. The next top template goes on at the top of the post and the remainder of the material is cut away for the top window rail. The final top template goes on in the middle of the post and the last slot is cut into the post.

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Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

Original Gold Coast Swap at Mudgeeraba | 6am – 2pm Sunday 20th July 2014

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Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

Official Site: <http://goldcoastswap.zzl.org/>

Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

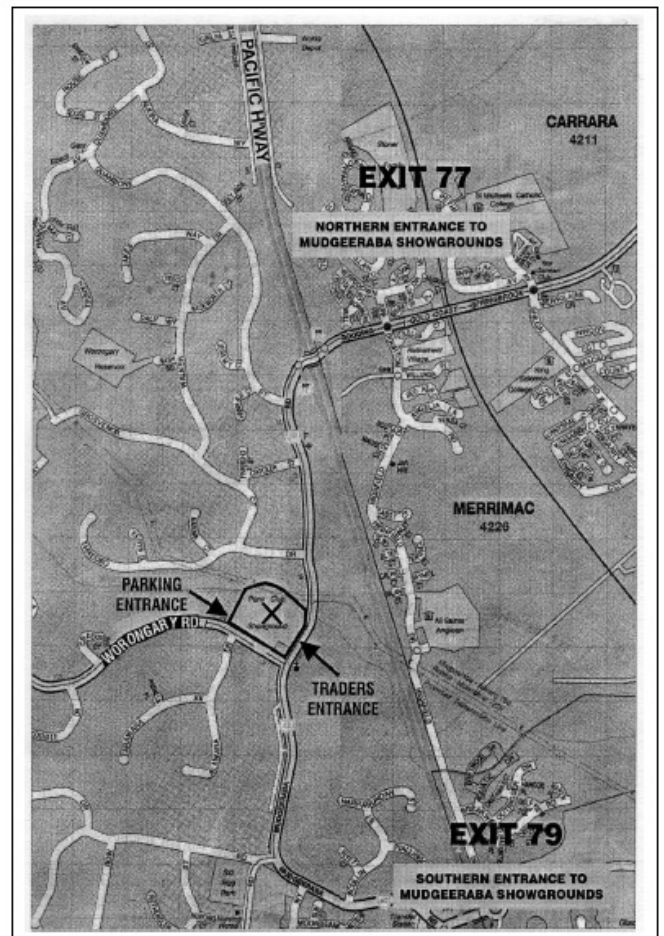
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What to Bring:

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- **Bring coins for the parking meters**
- **Gold coin donation for the Parkland Explorer trip.**
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Please don't forget to RSVP.

And fingers crossed for great weather



TORQUE TUBE

Newsletter of Riley Motor Club Qld Inc January 2014

www.rileyqld.org.au



Riley RM Front Door Posts (See Article Inside)

Editor: Bill Short

williamshort@aapt.net.au Ph.0738867236

Next Meeting: Annual General Meeting. Will commence at 10am on **Sunday 16th February 2014.**

Club Shed

Ex CSIRO Grounds Samford

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This is an abridged Torque Tube but felt that there was a need to disseminate some information

Cheers.
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Timber frames for a RM Riley

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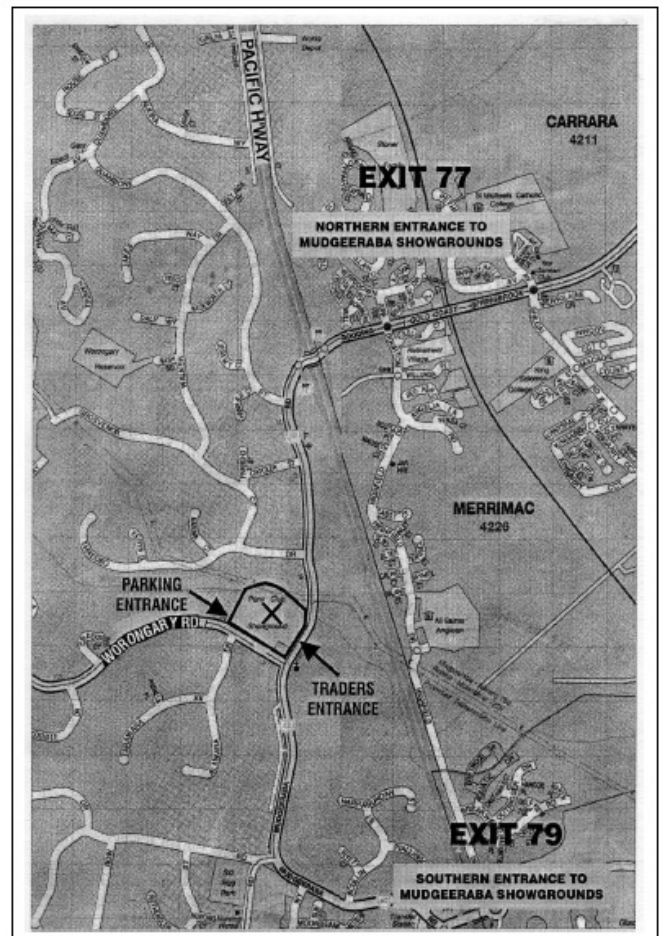
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Editor: Bill Short

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In my arsenal of tools I have a radial arm saw for cutting the timber length accurately, a Triton work bench with fence and a Makita saw that achieves a slightly wider than 675 mm square shape. I also have a band saw for cutting a piece out of the top of the posts to accommodate the window surround timbers and a piece from the bottom of the post to screw it to the bottom rail. The final sizes are achieved using a De Walt thicknesser. Finally, a Makita 3612 router with Triton Router Template Guide kit makes it possible to use the templates. Using a good quality half inch 12 mm router tip makes routing easy. To achieve accurate depths you will need a vernier or other instrument that will provide accurate depth measurements for the router.

The third issue is creating various templates to cut the shapes. After some consideration I came to the conclusion that the templates were best made together with left and right posts next to each other with the top templates mirrored so both posts can be cut at the same time. The side facing the door was their cut first, then the posts were flipped over and the shapes on the front side were cut and finally the posts were turned sideways and the outside shape was cut. They say the devil is in the detail so what follows is a description of building a devilish Riley door post.

All of the template bases were made from half inch thick chipboard. The first one has one inch square pine pieces screwed to the base so that the post fits snugly against the pine pieces on the base template. Outside of these are timber spacers 75 mm high. The top templates are screwed to these allowing the router to cut the shapes through the top templates. The first top template has the top door grommet shape cut into it and the door catch cavity and the door recess cut into it. This is then screwed down onto the base template. The grommet shape is then cut 10 mm deep, and the door catch cavity is cut 13 mm deep. The top template is then removed and second top template screwed on. This is the shape for the quarter panel bottom timber recess. The router is then used so that the bottom cut blends from nothing to the 13 mm recess for the door recess. Sound simple so far? If not the accompanying pictures may help you make sense of the written description.

The second base template has other one inch square timber pieces screwed to it so that the posts fit snugly into the template. This time the spacers are attached to the top templates to allow the different templates to be changed as the project requirements proceed. Prior to attaching the first top template I use the radial saw to cut the post 90 mm from the top and 400 mm deep on the opposite side of the posts. This is to accommodate the window surround timbers. The piece is then lopped off using a band saw. The final cut is made later using the router.

The top template enables an accurate angled cut from the top to the bottom of the post. The cuts need to be made in two steps as the router doesn't plunge deep enough to pick up the entire post. The first cut is made with a 35 mm spacer under the angled timber that produces the desired shape. With the 35 mm spacers removed the angled timber is replaced with its top template and the final cut can be made allowing the post to take on the final shape of the front of the door post. The second top template provides the shape for the window recess and the timber that goes from the right post to the left post along the bottom of the window. The cut is made 15 mm deep. The next top template is to produce the outside curve of the window. Don't be concerned if your router doesn't plunge deep enough to remove all of the timber as a sharp chisel can be utilized to finish the cut as the curve has already been achieved. The next top template goes on at the top of the post and the remainder of the material is cut away for the top window rail. The final top template goes on in the middle of the post and the last slot is cut into the post.

Prior to the last base template being employed trim off the excess timber at the bottom of the door posts using the band saw. Be careful to leave enough material for the router to make the right angle and depth to secure the posts to the bottom rail of the car.

The last base template is for making the outside door post shape, the bottom cut and the cut for the quarter panel timber. The template includes a one inch square timber that runs along the edge of the

shape for the window rail. With the top template secured to the base use the router to shape the posts. The bottom of the posts should be 45 mm deep, the middle 67 mm and the top 22 mm. The next step is to employ the second top template to cut the bottoms of the posts to the correct depth and angle. The remaining timber should be 25 mm deep. The last template is fixed to the centre of the base template and the top quarter panel timber recess is cut to 25 mm deep.

The next step is to cut the small angle off the bottom and the top of the posts with a hand saw. The post should now be a close proximity to the final shape required so just a little clean up with sand paper makes the job look 'professional'. To make the templates Jack has a pair of door posts which he will lend free of charge to any Riley owner who wants to start from scratch. Alternatively you can look at my templates or if you still lack confidence and or the tools I can make a pair of door post or/and a rear window and any other parts required.

Phil Wyllie





For Sale

Riley RME 1952(?) One and a half litres.
Located in Brisbane. Qld club registered (not transferable?).
Mostly original (original air filter is in the boot).
New tyres (falkens with tubes).
Has original leather in the back seat, vinyl seats in the front.
Roof vinyl probably replaced at some stage in good nick.
Trafficators work!
Has the glass window visors to direct breeze into car.
Body work good.
No power steering, no air con, no mp3 player!
\$12000.
Seeking an appreciative owner. No Hot Rodders please.
Email: tamaraplayne@yahoo.com.au or phone 0413931870



The Original' Gold Coast Swap Meet Mudgeeraba QLD

Original Gold Coast Swap at Mudgeeraba | 6am – 2pm Sunday 20th July 2014

Venue: Mudgeeraba Showgrounds, Cnr Mudgeeraba & Worongary Rds, Mudgeeraba QLD .

Free parking in grounds. Entry from Worongary Rd. One of the biggest swaps in SE Qld. Historic Car parts, Memorabilia, Model Cars, Antiques, Collectables.

Adult Entry \$4; Outdoor sites \$10 inc driver (no booking required).

Saturday set up 2pm to 5pm. Camping available \$15 inc amenities & limited power sites. Sunday – Gates open 5am for stall holders. Trading 6am 2pm Sunday only.

Full catering available.

Dick [07]55358856 or 0407758542 John 0412958839 Email swap.gcaac@gmail.com

Official Site: <http://goldcoastswap.zzl.org/>

Gold Coast Antique Auto Club Inc.

ORIGINAL GOLD COAST SWAP

at

Mudgeeraba Showgrounds

(See map on back)

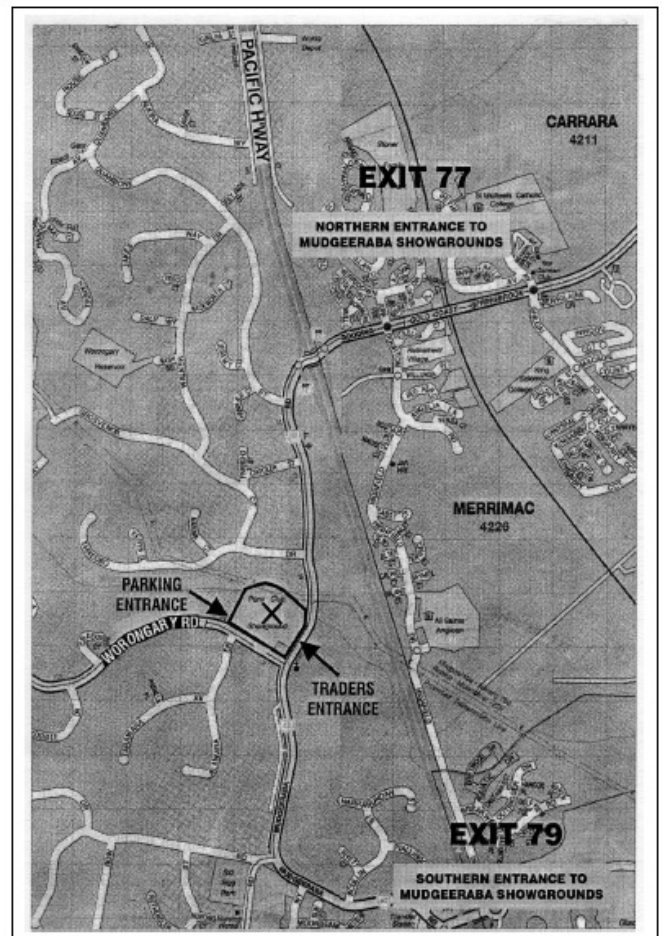
Sunday 20th July, 2014

**Veteran, Vintage, Classic Cars and Parts,
Automobilia, Memorabilia, Model Cars,
Antiques, Collectables, Australian**

ADMISSION ADULTS \$4.00

- Outdoor sites \$10, including driver (No booking required)
- Full catering service
- Saturday afternoon set-up available 2pm to 5pm
- Camping available Saturday night - \$15 extra
Includes amenities and limited powered sites.
- Gates open 5am Sunday for stallholders
Trading 6am to 2pm Sunday only
- Free parking in grounds – enter from Worongary Rd (see map)

Contact: Dick [07] 55358856 or 0407758542
John 0412 958839
Email: swap.gcaac@gmail.com
www.goldcoastswap.zzl.org





The Annual

President's

Rally

Sunday 19th January, 2014

Please join us for an exciting day exploring Brisbane's Roma Street Parkland. This awesome subtropical oasis in central Brisbane was once the ugly, rat infested stinking railway yards and fruit & vege markets.

We have organised a guided walking tour for our group and/or a tootle on the Parkland Explorer (train) with audio presentation.

We meet at 9.30am for morning tea at Frangipani Court in the Gardens, set off on our tour of the Parklands before enjoying lunch

- **Option 1: in the Melange café in the Carriage Shed – the lunch menu is good, average price under \$20. Also licensed.**
- **Option 2: BYO picnic lunch (tables available)**

See over for specific directions for parking and our Meeting place I do require you to RSVP please by 12th January for catering (morning tea and lunch and numbers for the guided walking tour/Parkland explorer train) purposes. Mobile 0417 857075

Ken Lonie

President, Queensland Riley Club

Parking: Enter the Parkland from the junction of Gregory Terrace & College Road. (Coming from the South Side, travel along Wickham Terrace then turn left – coming from north, travel along Gregory Terrace and proceed straight across Wickham terrace into the Parkland - then proceed down and park in College Close on the right.

This is metered parking \$1 per hour (4 – 5 hours should cover our time)

Alternatively there is probably street parking on Wickham Terrace on a Sunday

Another option may be to train it in to Roma Street Railway Station From the College Close Carpark, walk through the Roma St. Parkland entrance (blue writing on a terracotta background) and enjoy your walk towards Frangipani Court – head towards the café, keeping the lake on your right. You will see shelters, barbeques, toilets etc at the southern end of the lake – this is where we will have morning tea. All provided for, just bring your cups/mugs.

What to Bring:

- **Bring brollies if the weather is inclement**
- **Bring coins for the parking meters**
- **Gold coin donation for the Parkland Explorer trip.**
- **Cups/mugs for morning T**

Please don't forget to RSVP.

And fingers crossed for great weather