



HELPFUL NOTES ON CONVERTING TR4-4A FROM LHD TO RHD and Vice Versa. With additional notes for TR250, 5 and 6

Note 1: This Information Sheet is intended to help those intending to convert a car from Left Hand Drive (LHD) to Right Hand Drive (RHD) for UK use. Should you be using these notes as a guide for converting a car for use in another country, such as Australia or Japan, then you may require some different equipment, particularly speedometer and light lenses. Whilst the notes are written specifically for converting to RHD, they can be used for converting to LHD. Refer to the appropriate parts section of our website to find the parts you need. Handed parts are always listed one below the other in the original Triumph catalogue pages, which we use for reference on our website, so looking up the RHD part will lead you to the LHD part. The catalogue pages are accessible here: -

TR4 <https://www.revingtontr.com/tr4/triumph-catalogue>

TR4A <https://www.revingtontr.com/tr4a/triumph-catalogue>

Individual part numbers can be searched for via the 'Search for parts' box at the top of each page of our website. Once the part you are looking for is listed, pressing the '**CLICK FOR MORE INFO**' will reveal the '**Triumph information**' tab. This will take you to where that part is listed in the original catalogue pages. Please be aware that some part numbers such as GAC4023B are not original triumph numbers so some more searching for LHD parts will be required.

Where we have suggested Second Hand parts (suffix SH) the original number can be searched for by using the main number less the SH suffix.

Note 2: Unlike the TR2-3A, the TR4, 4A and 4AIRS as well as TR250, 5 and 6 utilised individual body shells for LHD and RHD. It is therefore necessary to modify the shell itself. Parts will need to be welded on, holes cut, and body panels replaced or modified.

Concentrating on the main points then. These are: -

ELECTRICAL: - Depending on where your car came from some lenses may be the wrong colour, notably the front side lens should be white part number 510897 and indicator lenses should be amber part number 505887.

Headlamps will dip the wrong way. The easiest and most sensible change here is to quartz halogen units part number GAC4023B. Rear stop/tail lens must be red/amber part number 516040. The main wiring harness is handed - RHD part number 307235.

Wipers park on the other side and arms will be incorrectly cranked. RHD items are RH part number 131105, LH part number 131106. The self-park can be adjusted to park on the right.

TR4 lighting switch is handed - RHD item is part number 142579. As the TR4A light switch and trafficator switches are transposed new decals are required part number 611014 and part number 611012 respectively.

STEERING: - The rack itself needs changing here, TR4 early RHD part number 305648, late TR4 305648 and TR4A-6 RHD part number 306829.

306829, is also available as a quick rack version RTR3022. We also have exchange racks available should perfect originality be important.

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A support rod (only available second hand) part number 611834SH is required to tie the steering column lower clamp to the bulkhead on the RH side.

INTERIOR: - A new steel dash panel will be required TR4 part number 902315, TR4A part number 903997. In addition, for all TR4A's a veneered dash panel part number 904154 will be required. TR4 special order cars used a veneered panel part number 903507

A new glove box part number 815747 along with two crash pads RH part number 808730, LH part number 808732 - will complete the dash area except instruments, which may need the following attention.

Depending on where your car came from you may wish to change the instruments if they read KPH for Speedo, and kg/sq inch for oil pressure. Exchange reconditioned units are: - MPH Speedo part number 208062EX (domed glass), 209188EX (flat glass). Lbs/sq" oil gauge part number 106966 (New domed glass), 106966EX (exchange domed glass), 133120 (new, flat glass) or 133120EX (exchange). We can also supply electrical pressure gauges 106966-1 and 133120-1. New Electronic speedometers are available, RTR8558-B and RTR8558-C.

Tachometer drives cable part number 507223. Speedo drive cable part number 504607 will also be required.

Your tonneau, if you have one will now not fit due to a lack of a steering wheel bump on the RHS. RHD item black part number 708679 - Other colours can be supplied to special order.

Carpets too are handed. There are anti scuff pads on the driver's side only. We can quote separately for these, as there are many colours and piping combinations to choose from.

DRIVING PEDALS: - These are handed. The brake and clutch are canted over and can be stripped from their carrier and tweaked the other way for RHD operation but this puts the pedals in a poor position. The correct pedals are available though, brake pedal part number 133808, clutch pedal part number 133810. This is not the case for the throttle pedal - a new one; part number 209411 along with two brackets part number 131253 each will be required.

New pipes from clutch and brake master cylinders are required.

BODYWORK: - There is a bracket behind the plenum chamber, which will be needed part number 705219 to support the steering column. And of course, a hole has to be cut for the column to pass through, 2-1/4" diameter, 1" from the corner of the bulkhead top panel.

The top of the bulkhead LH and RH are almost identical - but not quite. The pressings in the panels are not in the same place, quite apart from the lack of openings for pedals to protrude through. These openings can be cut to allow the pedals to fit, we do however have the correct items available LH part number 850351LTL, RH part number 850351RTR.

After you have changed all the above your car should be indistinguishable from a RH drive car - except your commission number plate will have an 'L' after it.

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Issue 2 16/06/21

Unless stated otherwise all the above parts are available new or second-hand including all brackets, gauges etc. Second-hand parts are generally half the cost of new parts.

Where only second hand parts are available, the part number is suffixed SH.

Appendix A

Changing a TR250, 5 and TR6 to the opposite driving hand.

When we looked at writing a version of this information sheet for TR250, 5 and 6 conversions it became apparent the possibilities for different options and needs were endless, especially with the variation in US specification cars, considering the lack of mechanical petrol injection, use of at least two types of carburettors, differential differences, body fitting changes on top of all the LHD and RHD specific items, the job was too onerous.

In essence the TR250, TR5 and US spec TR6 compared to 'rest of the world' TR6 are completely different cars. By contrast the TR4 and TR4A (notwithstanding the live axle TR4A) are the same car, you just sit on the other side.

Given the above, it is even more relevant when considering changing the driving side of a TR250, 5 or 6 to first decide how far you want to go. Are you trying to emulate the other handed car? In the case of a TR250, perhaps to make it more like a TR5? Or are you simply interested in sitting on the other side? Having decided that, using the parts catalogue section for these cars listed below, you can create a parts list of your requirements.

With this in mind we decided not to do a specific information sheet for these cars but to suggest using information sheet IS0002 for the TR4-4A as a guide and to refer to the parts section of our website to identify specific items needed with notes in this appendix to explain the logic.

Web links to catalogue pages

TR250 <https://www.revingtontr.com/tr250/triumph-catalogue>

TR5 <https://www.revingtontr.com/tr5/triumph-catalogue>

TR6CC <https://www.revingtontr.com/tr6cc/triumph-catalogue>

TR6CP <https://www.revingtontr.com/tr6cp/triumph-catalogue>

TR6CF <https://www.revingtontr.com/tr6cf/triumph-catalogue>

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