

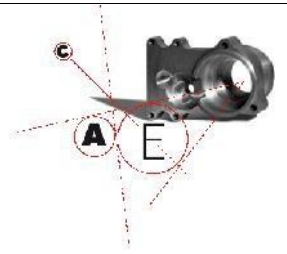
CAE PERFORMANCE PRODUCTS

7 Main Road Chewton Vic 3451

Telephone: (03) 5472 1442

Email: info@caenterprises.com.au

Website: www.caeperformance.com.au



RP-PWR-HOLDEN-HK-T-G

SERIAL NO:

DATE:



Important Information

The purchase of this kit includes an Engineer's Compliance Certificate. In order to prevent fraudulent activity a copy of this document will be accessible through a Registered Engineer. Please have your Engineer phone or email us to supply an Engineer's Compliance Certificate.

NOTE: CAE cannot guarantee fitment of all headers/extractors applications due to the availability of engines & exhaust components used. You may have to modify driver's side headers to suit the rack & pinion supplied.

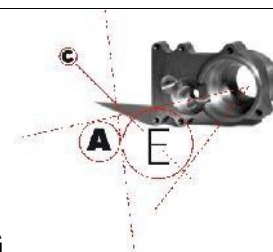
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CONTENTS	March 2026
1 x RP-PWR-HOLDEN-HK-T-G	 <u>HK-HT-HG Power Rack</u>
1 x LEFT HAND 1 x RIGHT HAND APPLICATION	 <u>Tie Rod Ends</u>
1 x RP-MOUNTS-HK-T-G (Pair)	 <u>Holden HK-T-G Power Rack Weld-On Mounting Pads</u>
1 x CAE-133A & CAE-133B(Pair)	 <u>Holden HK-T-G Power Rack Billet Mounts w/ Bolts</u>
1 x RP-HR-HK-T-G-SWAY-BAR (Pair)	 <u>Holden HK-T-G Sway Bar Weld-On Mounts</u>
1 x CAE-456A	 <u>Holden HK-T-G Front End Brace w/ Nuts & Bolts</u>

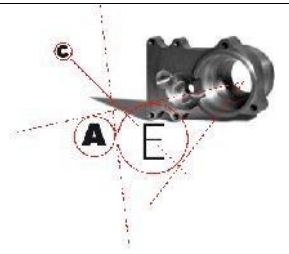
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**Hoses and fittings can be supplied if required.
Please advise on hose lengths and fitting orientation
45 deg, 90 deg or straight.**

**Helpful Information - due to the range of combinations
available, this information may be helpful.**

**If using Stubtech stub axles and HQ non power steering arms,
you will need the shorter tie rods
Pt no. TE3051**

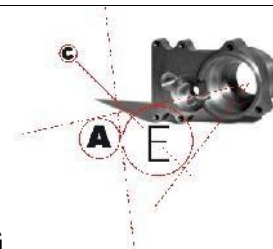
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RP-PWR-HOLDEN-HK-T-G

Customer Instructions–Front mounted Power Rack and Pinion Kit to suit Holden HK-HT-HG Sedan, Ute and Wagons.



Fig 1

Shows the mounting brackets (**RP-MOUNTS-HK-T-G**) welded into place.

Dismantle front end if required & clean around the area where mounting brackets are being welded onto front end.

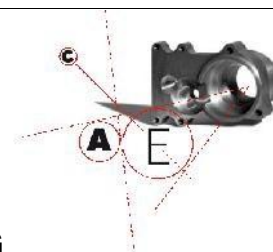
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Trim brackets as required to follow contour of front end & tack-weld as per **Fig 1** & **Fig 2**

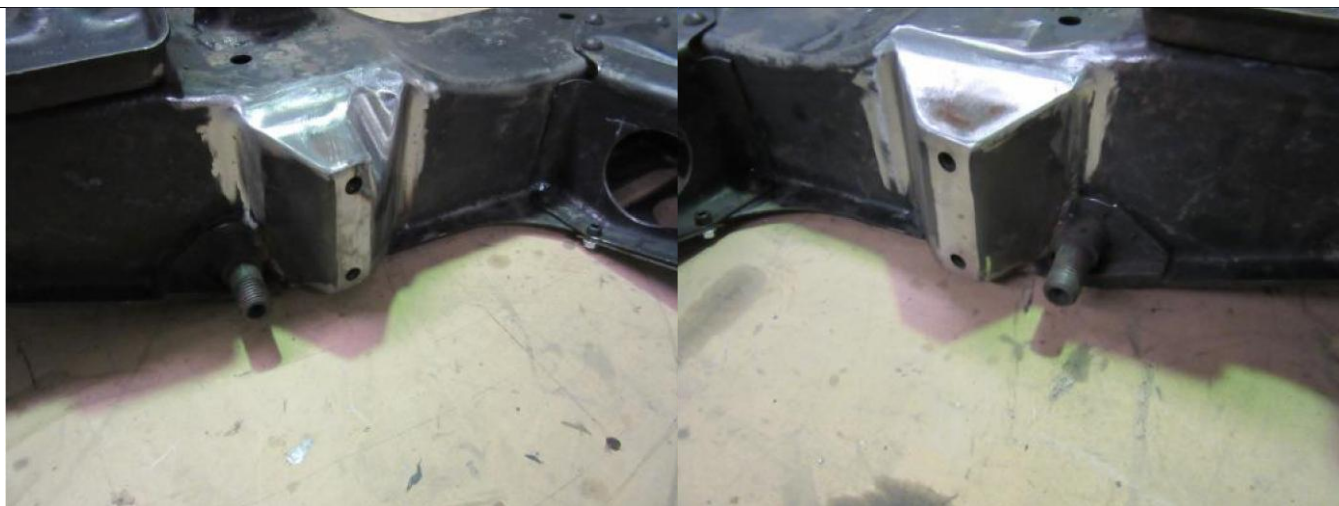


Fig 2

The above pictures show the mounting position of the **Left and Right** Mounting Brackets.

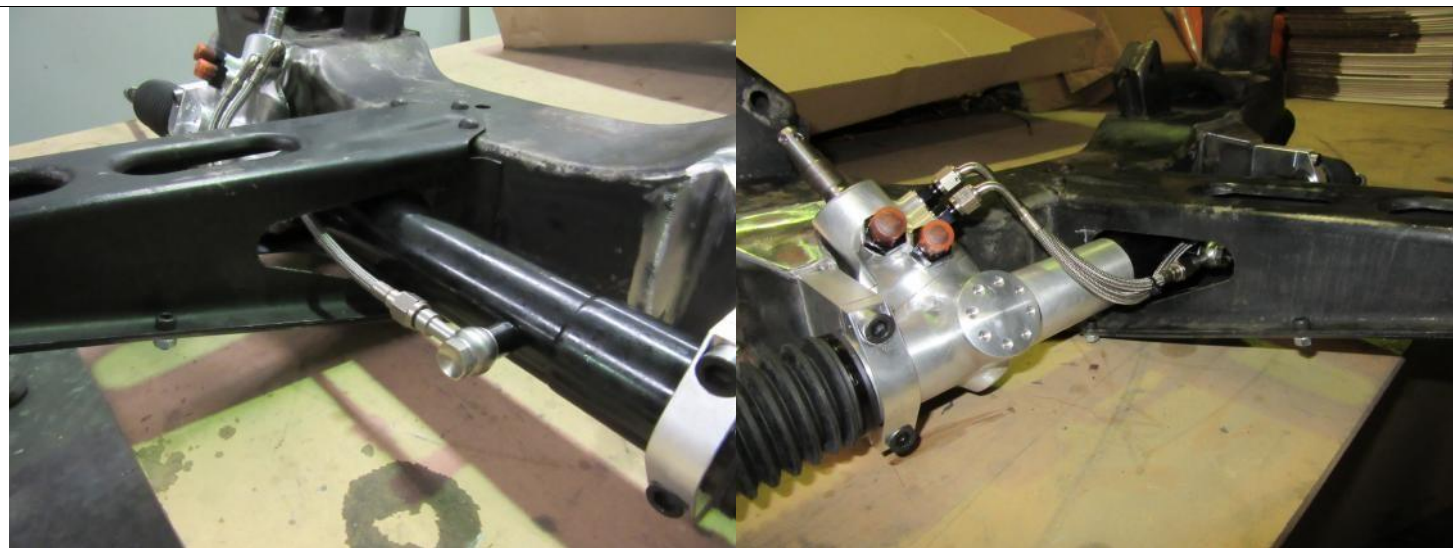


Fig 3

The front end snout must have the left and right side hole enlarged as shown.

Variations have been found in the front end outriggers/snout. Modifications of holes are required to pass Power Rack through

As shown in **Fig 3** & **Fig 4**

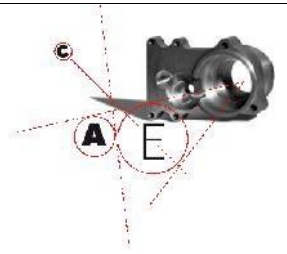
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Fig 4



Fig 5

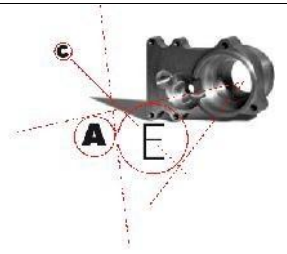
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Shows the snout strengthening plate. Clamp plate to snout and use as a template to drill all the holes.



- 1. Pressure Line**
- 2. Return Line**
- 3. Snubber – adjusts backlash on rack bar**

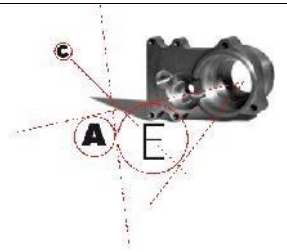
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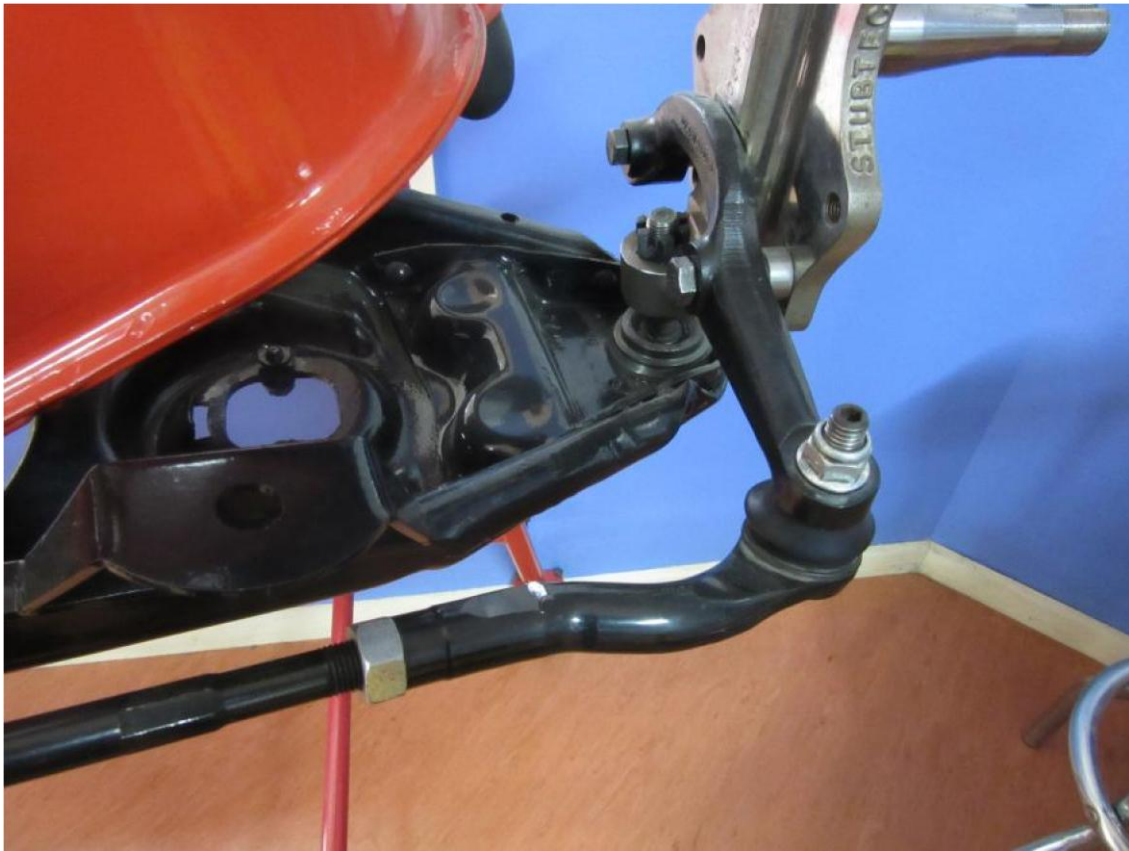
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RP-PWR-HOLDEN-HK-T-G



Note: We recommend to use Steering Arms from either HQ-WB short (as above) or HQ-HJ long non-power steering arms.

Steering arms will need to be reamed to suit tie rod end taper which is 7 degrees.

Install new arms facing forward on correct sides.

The sway bar link perch must be ground off and replaced with brackets supplied by CAE. (RP-HK-T-G-SWAY-BAR) – supplied in kit

This will stop binding of suspension components.

Power steering fluid – use ATF DX-3.

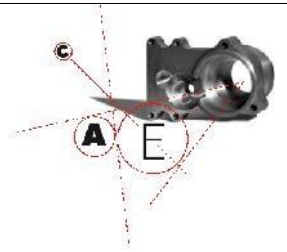
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HQ NON POWER STEERING ARM LHS



HQ POWER STEERING ARM LHS



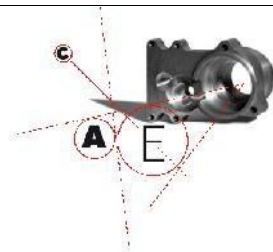
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HQ long Steering arm installation shown above.

Remove this section and fit brackets supplied by CAE RP-HK-T-G-SWAY BAR

Note: You will need to swap your stub axles over, as the brake callipers will have to be mounted at rear.

Once you have assembled all parts, move suspension through its arc, check that all parts clear & no binding occurs.

Note: Should adjustment be needed for the Toe-In, Toe-Out, the length of the Rack-End & Tie Rod Ends can be trimmed shorter if required. Make sure there is at least 12mm – 14mm of thread inside.

Note: If using factory HK-HT-HG Steering Column, Part No. STEER.COLUMN-HK-T-G & STEER.COUPLING will be required in order to support the bottom of your steering column.

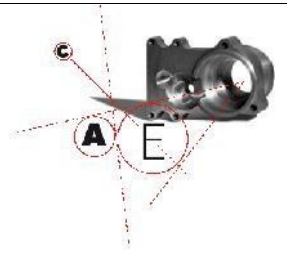
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RP-PWR-HOLDEN-HK-T-G



STEER.COLUMN.SUPPORT

Modifying your column end is required by welding on the supplied shaft, allowing correct coupling to the **STEER.COUPLING**.



STEER.COUPLING (COLLAPSIBLE STEERING SHAFT)

The **STEER.COUPLING** once extended can then be coupled up to the Power Rack.

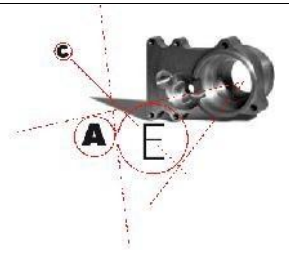
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3rd uni would be
installed in this
area

NOTE: Sub-Frame will need to be relieved to clear steering shaft as per picture above or alternatively you can fit a 3rd universal with a support bracket fixed to the subframe. This is a good alternative as gives more header clearance.

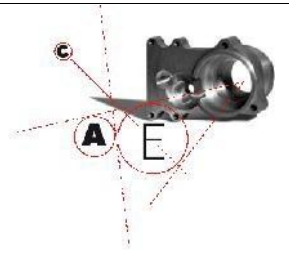
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Note:

If using the 3rd uni alternative the steering column shaft will need to be machined to match flat already pre-machined.

Once this is machined it will accept a 17mm DD universal.

Parts required for 3rd uni alternative are:

2 x STUNI-07

1 X STUNI-08

1 X SHAFT 3/4 DD-3

1 X ST-SUPPORT-3/4"

1 X STEER.COLUMN SUPPORT INCLUDING BEARING

1 X ST-SUPPORT MOUNT – THIS IS WELDED TO TOP OF SUBFRAME

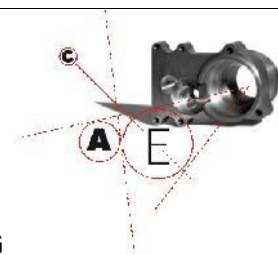
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C.A.E. PERFORMANCE PRODUCTS 'RACK-IT' POWER STEERING WARRANTY

Manufacturer's Warranty:-

All 'Rack-It' Racks & Components manufactured or modified by C.A.E. Performance Products Pty Ltd will be guaranteed against faulty workmanship for a period of twelve months.

The warranty is subject to the following conditions:-

- C.A.E. Performance Products recommends that this product be fitted by qualified personnel.
- All claims must be made within the warranty period.
- Any 'Rack-It' Rack & Components manufactured or modified that has been found to have faulty workmanship or related faults due to the workmanship of C.A.E. Performance Products will be replaced or repaired free of charge.
- The warranty will not apply to 'Rack-It' Racks & Components that has been installed incorrectly or has been subject to neglect, intentional or accidental damage, unauthorized repairs or modifications or used for the wrong application.
- The warranty does not cover installation of removal of 'Rack-It' Racks & Components or freight costs.
- The warranty will only apply to 'Rack-It' Racks & Components used for normal road use.

ORDERING

Orders can be placed by phone or e-mail. We prefer official purchase orders from account customers. Please quote the part number, quantity and any special requirements when ordering.

SHIPPING

All orders are dispatched upon payment (except account customers). We ship Australia-wide every day. If you wish to use your own courier, please advise us of your courier name & account details & we can organize pick-up. Transport insurance can be arranged at the request of the purchaser.

DAMAGE

All goods are shipped in good condition & are packed accordingly. We can only handle damage claims for prepaid freight.

RETURN OF GOODS

All parts returned will incur a 20% re-stocking fee. Goods must be returned within 30 days & in resalable condition. Freight is to be paid by customer unless the goods are being returned due to manufacturing defect or shipping error, in which case they are to be shipped using our Australia Post Reply Paid account. C.O.D. post will NOT be accepted under any circumstances. Goods specifically made to customer requests cannot be returned for credit.

All goods remain the property C.A.E. Performance Products Pty Ltd until paid for in full.

PAYMENT

Payment can be made by credit card (surcharge), direct deposit, cheque/money order or cash over the counter. Please note that cheques & money orders must include the full amount of the order & freight costs. Personal cheques are subject to bank clearance (5 business days).