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*Manufacturers and Designers of Horticultural and Viticultural Equipment*  
\* **SQUIRREL** self propelled elevating platforms \* **SADIE** vineyard & orchard sweepers \* **NETWIZZ** netting retriever

## ***SQUIRREL Parts Catalogue # 3*** ***Planetary Wheel Drive Parts***



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## Planetary Wheel Hubs CRENDON IF 20

(8:1 - extremely heavy duty, 35mm wide planetary cogs, double brake piston seals, soft brake springs, big taper bearings, designed by Crendon)

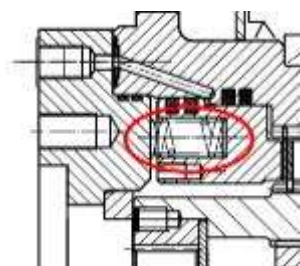
## Planetary Wheel Hubs

*This hub is interchangeable with all of Danfoss & Ever Power hubs.*

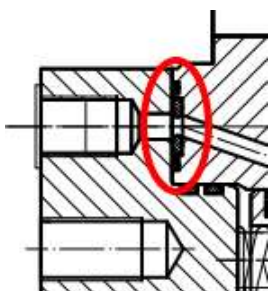


Wheel hub planetary drive 8:1, free / wheeling, with brakes, very high radial load, 3,000 Nm max output torque (from 10-2020) – **IF20T003T1B008A** (This is what we are using now) \$1,860.27 + GST

Wheel hub planetary drive 8:1, free / wheeling, no brakes, very high radial load, 3,000 Nm max output torque (from 10-2020) – **IF20T003T1008A** (This is what we are using 2 off on 2 off Bogey drive now) \$1,766.10 + GST

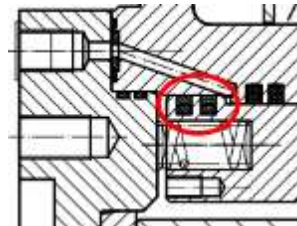


Brake Spring std (CM hub) 13.5 od x 2.5mm x 31mm  
reference #39 – **IF20-BSS**

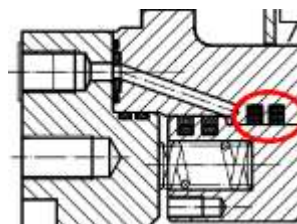


Brake release port O-ring set (outer #112) (inner #108)  
reference #9, 43 – **IF20-BRPORS**

## Planetary Wheel Hubs CRENDON IF 20



Brake Piston Plunger seal, 2x bronze filled PTFE & 2 x O-ring, a set to replace both reference #37 – **IF20-BPPSBF**  
\$74.39 + GST



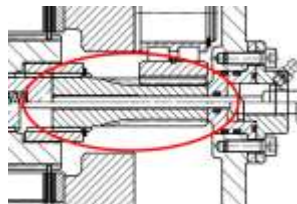
Brake piston housing seal, 2off bronze filled PTFE & 2x O-ring, a set to replace both, reference #40 – **IF20-BPHSBF**  
74.39 + GST



Main rotating double lip seal reference #27 – **IF20-MRDLS**



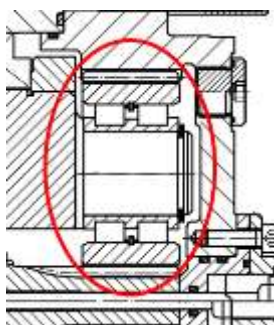
Main housing tapered roller bearing, 1 off L63010/L630349, 192.2 OD x 152.5 ID x 26.5 wide, 2 required reference #24 – **IF20-MHTRB**



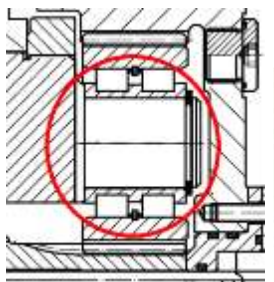
Centre sun gear drive shaft 9 teeth 25.7 od 80 long  
reference #16 – **IF20-CSGDS9T**



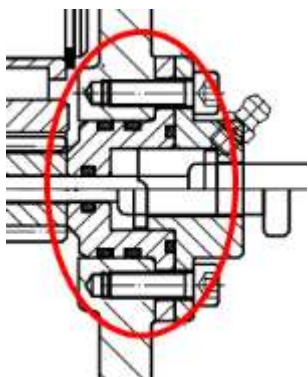
## Planetary Wheel Hubs CRENDON IF 20



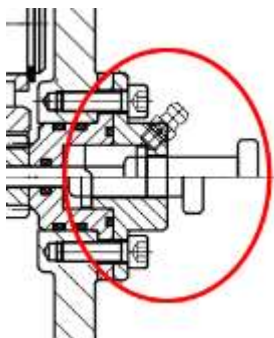
Planetary gear cog (34 tooth, OD 73mm, 35 wide)  
reference #30 - **IF20-PGC34T**



Needle roller assembly for planetary gear cog  
RSL185006 29.5 id x 35.3 wide  
reference #29 - **IF20-NRAFPGC**

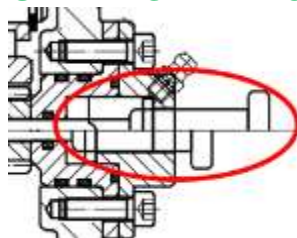


Freewheeling plunger inner housing with O-rings  
reference # 9, 8, 7, 6 - **IF20-FWPIHWOR**

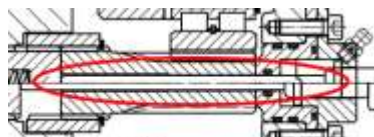


Freewheeling plunger outer housing with push knob  
reference # 1,2,3,4,5 - **IF20-FWPOHWPK** \$92.81 + GST

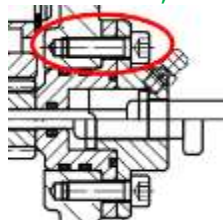
## Planetary Wheel Hubs CRENDON IF 20



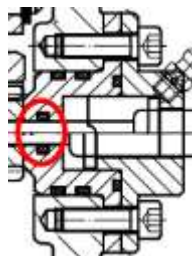
Freewheeling push knob with rolled pin  
reference #40 - **IF20-FWPKWNRP**



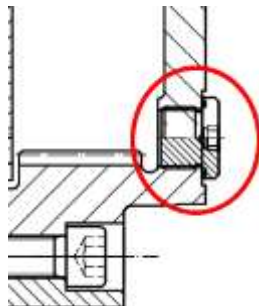
Freewheeling internal plunger  
reference #2, 5 - **IF20-FWIP**



Socket head cap screw for freewheeling plunger assembly  
Ø6 x 20 long reference #1 - **IF20-SHCSFFWPA6X20**

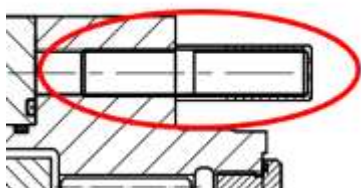


Freewheeling internal plunger O-ring 5.5 id x 2.5 cross section (#108) reference #9 - **IF20-FWIPOR** \$5.97 + GST

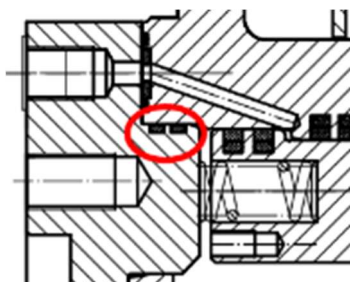


Oil drain plug reference #10 - **IF20-ODP**

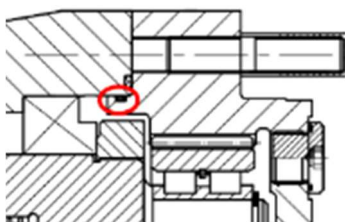
## Planetary Wheel Hubs CRENDON IF 20



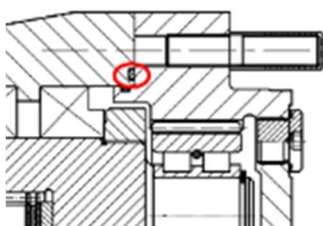
Wheel Stud 1/2" UNF 1 each, 8 required  
reference #12 - **AHPWD716DES12** \$7.93 + GST



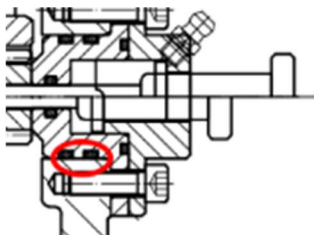
O-ring between backing flange to hub brakes 1 each, 2 required reference #42 - **IF20-OBFBTHB** \$11.41 + GST



O-ring between front flange to inside of rotating hub 1 required reference #15 - **IF20-OBFFTIORH** \$7.46 + GST

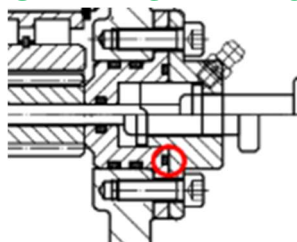


O-ring between front flange to front face of rotating hub 1 required reference #21 - **IF20-OBFFTFFRH**



O-ring between free wheel housing & front cover plate, 1 each, 2 required reference #8 - **IF20-OBFWHFCP** \$..... + GST

## Planetary Wheel Hubs CRENDON IF 20



O-ring between free wheel plunger bracket & insert assembly, 1 each, 1 required reference #6 - **IF20-OBFWPBIA** \$7.46 + GST



Wheel Nut 1/2" (Ford) - **AHWNF1/2**



Conical spring washer, 1/2" - **BWCS1/2** \$1.09 + GST



Wheel hub breather 18mm 25 psi - **VP18x1.5-20/25**

**Planetary Wheel Hubs**  
**CRENDON EP#3, CM#4, CM#5,**  
**CM#6, CM#7, CM#8-947**  
*(8:1 - Very heavy duty designed by Crendon)*  
**Planetary Wheel Hubs CRENDON**



W/hub Planetary drive 6.2:1, free / wheeling, with brakes #7-2 565CM#5. (For older squirrel's pre 2016) – **AHPWDB565CM5** not available any more up grade to 8:1

W/hub planetary drive 6.2:1, free / wheeling, NO brakes #7-2CH (For older squirrel's pre 2016)– **AHPWDN601L7-2NB**

W/hub planetary drive 8:1, free / wheeling, with brakes, very high radial load CM#8-947, 2,000 Nm max output toque (from 1-2019) – **AHPWD947B** \$1598.29 + GST

W/hub planetary drive 8:1, free / wheeling, No brakes, very high radial load CM#8-947 2,000 Nm max output toque (from 1-2019) – **AHPWD947NB** \$1402.42 + GST



Hub centre CM planetary hub to frame 10mm plate – **XHCMPH10MM\***



Hub breather hub plug release at 25 psi, O-ring seat, stainless steel, 16x1.5mm thread – **VP16x1.5** \$14.52



Wheel studs 1/2" x 55mm long UNF – **AHWS12x55UNF\*** \$7.93 + GST



Conical spring washer, 1/2" – **BWCS1/2** \$1.09 + GST

**Planetary Wheel Hubs parts**  
**CRENDON**



Ever Power Bearing and cone set gear box #7-2 (LL225749-LL225710) OD-165.9, ID-127, width-18.75 used in 6.2:1 & 8:1 hubs (up to 12-2018) – **AHPWD716CBS** \$110.52



Ever Power Bearing and cone set gear box CM#8-947 (LL225810) OD-170, ID-127, width-27 for 8:1 split hubs (from 1-2019) – **AHPWD947-B11** \$163.23



Ever Power Seal kit brakes with energiser O-ring, 120x105x8 & 110x100x8, 1 of each size, 6:1 ratio (up to 8-2015) – **AHPWDN601L72BSK** \$49.65 + GST



Ever Power Seal kit brakes with energiser O-ring, 120x105x8 & 115x105x9, 1 of each size, 6:1 & 8:1ratio (after 8-2015) – **AHPWD777BSK** \$77.49 + GST



Piston N601L#7-2 (1 part) CH (up to 8-2015) – **AHPWDN601L7P**



## Planetary Wheel Hubs parts CRENDON



Ever Power Disengaging f/wheel assembly N601L#7-2 – flush face inside for rolled pin (up to 8-2015)

**AHPWDN601L72DA** \$54.00 + GST



Ever Power Disengaging f/wheel assembly – raised face inside for rolled pin (after 11-2015) **AHPWD777-**

**25\*26\*** \$60.50 + GST



Ever Power Disengaging f/wheel pin N601L#7-2 – flush face inside for rolled pin (up to 8-2015)

**AHPWDN601L72HP** \$54.89 + GST



Ever Power Disengaging f/wheel pin – raised face inside for rolled pin (after 11-2015) **AHPWD777-26\*** \$54.85 + GST



Ever Power Rolled pin 4mm x 18mm long for Disengaging f/wheel pin (all) **AHPWD777-B08** \$0.51 + GST



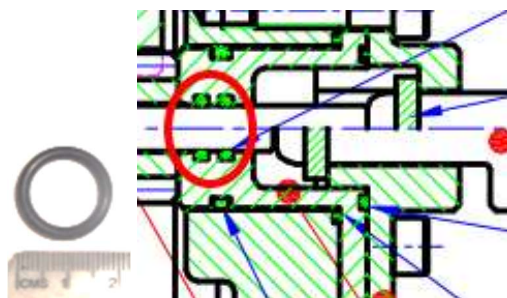
Ever Power Centre pin #24 CM hub, 8:1 hub, Ø 7.9mm x 94mm long– (after 11-2015) **AHPWD77724**



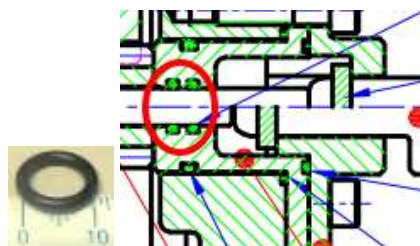
Ever Power Centre pin #24 CM#5 hub, 6:1 hub, Ø 12.5mm x 84mm long – (up to 8-2015)

**AHPWD565CP24**

## Planetary Wheel Hubs parts CRENDON

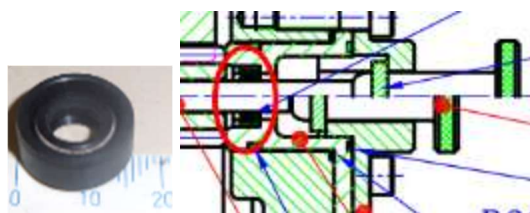


O ring for freewheeling plunger 6:1 reduction, 2 required (up to 8-2015) - **ORBS111** \$1.36 + GST



O ring for freewheeling plunger 8:1 reduction, 2 required (From 8-2015 - 2018)

- **ORBS011** \$1.84 + GST



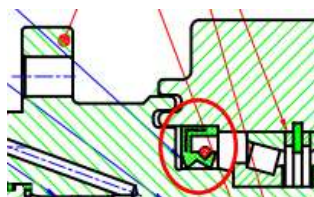
Ever Power Double lip shaft Seal for freewheeling plunger 8:1 reduction, 16 od x 8 id x 7 wide. (From 3-2019) - **OS8-16-7** \$12.88 + GST



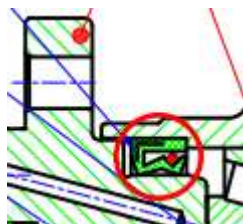
Ever Power Seal kit gearbox, 1 off N601L #7-2, 6:1 reduction, 2 required (up to 10-2014) - **AHPWD565GBS** \$197.79



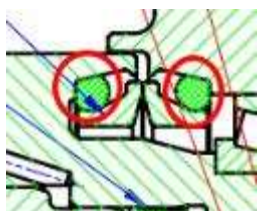
## Planetary Wheel Hubs parts CRENDON



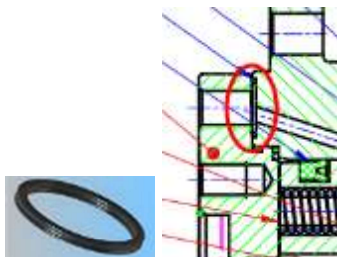
Ever Power Shaft Seal double lip OD-170 ID-140 width 13 (10-2014 – 12-2018) – **AHPWD716S140170** \$87.92 + GST



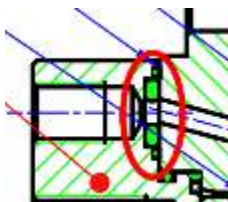
Ever Power Shaft Seal double lip OD-175, ID-155, width-15, (from 1-2019) – **AHPWD947-B09** \$81.64 + GST



Ever Power O-Ring for Dyuro Cone, 1 off 155mmIDx9W NBR70, 2 required (up to 2014) - **ORM155X9-70** \$25.70 + GST



Q-Ring for brake release 0.549 x 0.755" (up to 2017) – **QR113-90** \$3.69 + GST

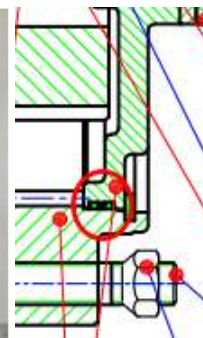
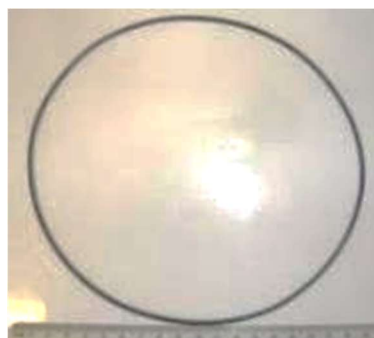


O-Ring for brake release 3/8" id x 1/8" section, inner big one, (from 2018) – **ORBS204** \$2.00 + GST  
O-Ring for brake release 0.644" id x .087", outer smaller one, (from 2018) – **ORBS908** \$2.96 + GST

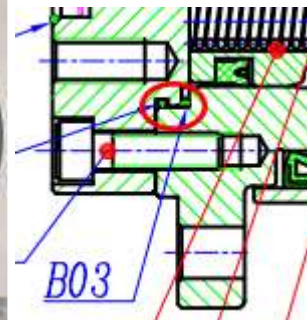
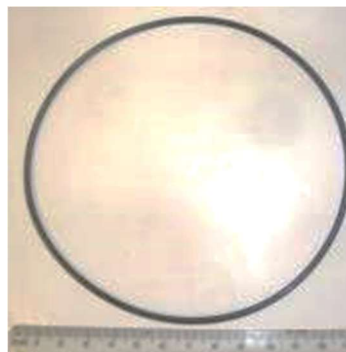
## Planetary Wheel Hubs parts CRENDON



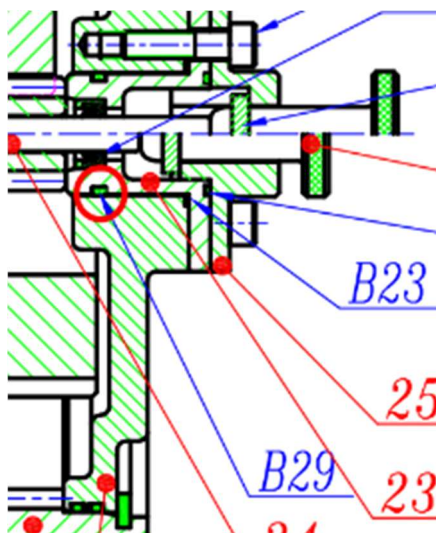
Cover plate all - **AHPWDN601L72FCP**



O ring for front cover plate, 1 off ID 6 1/2" x 3/32", 2 required – **ORBS 165** \$8.22 + GST

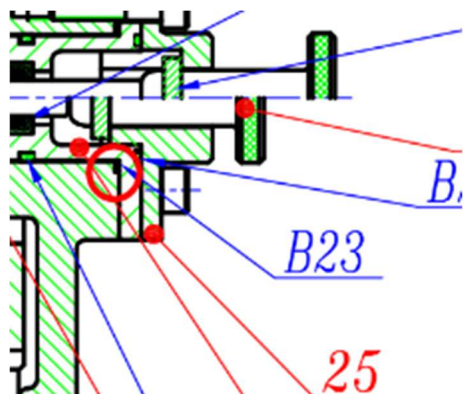


O ring for brake cover plate, 1 off OD 4 3/4" x 3/32", 2 required - **ORBS 159** \$5.61 + GST

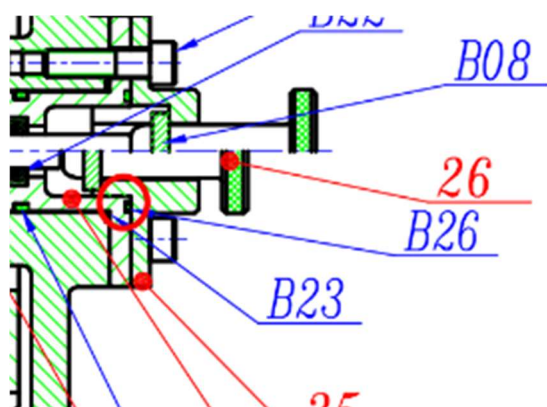


O ring, B29, for freewheeling Assy inside seal, 1 off 1 required - **ORBS119** 3.24 + GST

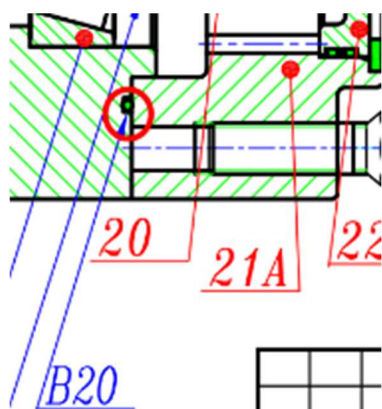




O ring, B23, for freewheeling Assy outside seal, 1 off 1 required – **ORBS023** 2.72 + GST



O ring, B26, for freewheeling Assy outside seal, 1 off 1 required - **ORBS** ..... + GST



O ring, B20, for 8:1 split hub, 1 off 1 required - **ORBS** ..... + GST

## Planetary Wheel Hubs parts CRENDON



Screw plug, magnet & bonded washer set CM#6 hub – **AHPWD716SPMBWS\***



Outer housing CM#6 hub, 6:1 reduction (up to 8-2015)  
- **AHPWD5650H-21** \$353.26 + GST

Outer housing CM#7 hub, 8:1 reduction (11-2015 to 12-2018)

- **AHPWD777-21** \$353.26 + GST



Outer housing CM#947 hub, 8:1 reduction  
(After 1-2019) – **AHPWD947-21** \$519.82 + GST



Inter housing CM#947 hub, 8:1 reduction  
(After 1-2019) – **AHPWD947-03** \$519.36 + GST



Sun gear cog CM#6 hub 6:1 reduction (up to 8-2015) – **AHPWD716SG** \$85.82 + GST



## Planetary Wheel Hubs parts CRENDON



Sun gear cog CM#7 hub 8:1 reduction (After 11-2015)  
– **AHPWD777-20** \$85.82 + GST



Spline drive sleeve #12 CM7 8:1hub, OD 36mm x 34mm long (after 11-2015) – **AHPWD777-12**



Spline drive sleeve #12 CM5 6:1 hub, OD 36mm x 34mm long (before 11-2015) – **AHPWD565SDS12**



Spline drive sleeve #12 CM7 8:1hub, OD 33.7mm x 45mm long, (after 11-2015) – **AHPWD777-12**



Sun gear drive spring CM#7 hub 6:1 reduction, Ø24.6 x 35 long x Ø2.2 wire (up to 8-2015) –  
**AHPWD565SGDS-09**



Gear cog 6:1 reduction (33 tooth, OD 73.9mm) (up to 8-2015) – **AHPWD565C17** \$64.69 + GST

Gear cog 8:1 reduction (34 tooth, OD 76.7mm) (after 11-2015) – **AHPWD777-17** \$64.69 + GST

## Planetary Wheel Hubs parts CRENDON



Needle roller bearing set (4.76x23.8) - **AHPWD565NRB**



Planter cog-centre shaft #16, 6:1 reduction CM#5 hub (up to 8-2015) - **AHPWD565CSC16**



Planter cog-centre shaft V565 #24, 8:1 reduction CM#7 hub, Ø21.2, ends Ø19 x 45 total length (after 11-2015) -  
**AHPWD565SGCCS24**



Planter cog-centre shaft reduction hub, Ø20 x 49 total length one end has machined flat spot 3.5 long –  
**AHPWD5x49-15Q93**



Planetary gear spacing ring V565 (18) -  
**AHPWD565PGSR18** \$2.81 + GST



Block (1) - **AHPWD565B02**



Brake Spring Extra heavy (CM hub) 15odx3.5mmx40mm (not recommended) – **AHPWD777-08XHBS**

Brake Spring heavy (CM hub) 15odx3.15mmx40mm (14 in each hub) (all) – **AHPWD716BS** \$4.14 + GST

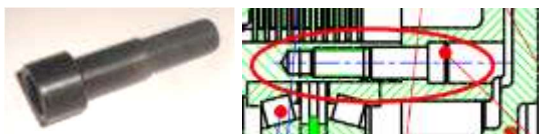
Brake Spring light (CM hub) 15odx2.5mmx40mm (14 in each hub) (for light braking only) - **AHPWDN601L7-2BS** \$2.68 + GST

## Planetary Wheel Hubs parts CRENDON



Socket head cap screw 8x25 for, 6:1 reduction hubs–

**AHPWD716CSM8X25** \$1.84 + GST



Bearing holding shoulder bolt, 10mm thread, 11mm

shoulder, 40mm long - **AHPWD716SC** \$6.09 + GST



Hyd Motor to CM Hub 1/2" x 1 1/2" UNF socket head cap  
screw (from 9-2015) – **BSHC1/2x1.2UNF** \$5.09 + GST



Hyd Motor to CM Hub 12mm x 35 socket head cap  
screw (for up to 8-2015) – **BSHCM12x35** \$2.52 + GST



Friction plate set - **AHPWD565FPS**



Rear motor adaptor plate all 8:1 (after 11-2015) –  
**AHPWD947-01**

## Planetary Wheel Hubs Renold (Oildrive)



Freewheeling, with brakes W/Hub GR211 (No motor) 1,500  
Nm max output torque – **AHRGR21116FWBNM**

\$2,709.09 + GST



Drive motor 160cc W/Hub GR201 series – **AHRGR20116M**

## Renold parts



End cover plate ONLY GR211 W/Hub – **AHRGR211EPA**



Renold Brake release shuttle valve for GR201 – **AHRBRSV**  
Banjo bolt for Brake release shuttle valve (pictured on  
right) – **AHRBRSVBB**



**NOT AVAILABLE**

Renold Freewheeling release pin (61) GR201 –  
**AHRGR200FWP**



Renold Freewheeling side release pin REN (replaces  
AHRGR200FWP) – **AHRFWSRP\***



## Planetary Wheel Hubs Renold (Oildrive)



Renold Belleville disc spr wsh 63x31x2.5 –  
**BWB31X63X2.5**



Nut Rod coupler M10X40 ZP – **BNRC10X40**  
Cap screw, socket head M10X40 – **BSHCM10X40**



Sun gear - 6mm bolt hole W/Hub renold  
(recon) **NOT AVAILABLE** – **AHRGR211SG**



Sun gear/bolt/plunger **NOT AVAILABLE** – **AHRGR211SGP**



Renold main bearing 2 required 160 od x 105 id x 18  
wide – **B16021**



Renold Main shaft seal 130 od x 160 id x 12mm GR201  
– **OS13016012**



Renold O-Ring Seal kit for GR200/201 –  
**AHRGR200/10RK\***

## Planetary Wheel Hubs Danfoss (Reggiana)



WGF083/61-9 154B9642KM (early model EX-733) –  
**AHDFBFWNM**

WGF083/61-9 154F383M359 (model EX-1465) –

RWD200B/6.1; 154F4224NH (late model EX-1733 with 12  
springs) – **AHDFBFWNM12S**



Danfoss Brake Spring for 154B9642KM W/hub (early model)  
–  
**AHDWBSWGF083**



Danfoss Brake spring (Medium) 110Dx3x25  
**SBC1070x315x256** **Not Available**  
Danfoss Brake spring (Heavy) 110Dx3.2x28  
**SBC11x3.2x28** **Not Available**



Danfoss Bearing 62od X 35id X 9mm (Ex-1733) – B16007



Danfoss Mechanical seal WGF0839 W/hub C138003 –  
**AHDMSWGF0839**

## Planetary Wheel Hubs

### Danfoss (Reggiana)



Danfoss Socket head cap screw 6 x 30 to hold bearing cap plate in hub, 10 required to replace set, These can be stretched when hub is pressurised, – **BSHCM06X30**



Danfoss Wheel stud 1/2" x 40mm long UNF W/hub DF – **AHWS12x40UNF\***



Danfoss rear tapered bearing 120id x 165od x 29 wide – **B32924 \$250.00 + GST**



Conical spring washer – **BWCS1/2 \$1.09 + GST**



Danfoss O Ring kit Danfoss wheel hub EX-1465/1733 - **AHDORK1465\* \$59.62 + GST**



Danfoss Free-wheeling plunger Danfoss hub – **AHDFWP\***



Danfoss Brake Sintered Disc Danfoss Hub – **AHDFSDWGWGF0839 \$72.20 + GST**



Danfoss Shaft Seal double lip OD-170 ID-145 width 15 – **OS145x170x15 \$34.36 + GST**