



White Industries Hub Archive and Specs

Please read this before ordering parts for your vintage hub!

Identifying your hub

Older White Industries hubs can be difficult to identify because many do not have the model name engraved on them. If your hub *does* have a model name engraved on it, you will see it in one of two places:

- Engraved outside of the circled “W” logo, on the center section or inside of the flange (CX11, LTA)
or...
- Engraved inside the circle and above the “W” logo. It will be really small so look closely! (H1, H2, H3, Mi5, Mi6)

Aside from the engraving, we can try to identify them by certain features:

- Front or rear
- Axle spacing
- Number of spoke holes
- Disc brake, rim brake or threaded drum brake
- Driver/freehub body material (steel, aluminum, titanium, aluminum/ti combo)
- Axle “tube” outside diameter (this is the section that goes through the bearings, not the ends that go in the frame/fork dropout)
- Axle tube material (steel, aluminum, titanium)

The more homework you do before you contact us, the easier it will be to make sure you get the correct parts. To be 100% sure of your hub model, you can email pictures through the contact form on our website. Several photos from both sides at different angles please!

Bearings

Most of the time people simply want to replace the bearings in their old hubs. If you can't identify your hubs with a model name engraved on them, you will need to provide us with bearing sizes. The bearing identification numbers on the seals can be helpful but they are small and can easily be misread by the “vintage” eyes of someone who owns a 25 year old hub. The surest method of identifying the correct bearings is to remove them and measure the inside diameter, outside diameter, and width, in millimeters. Yes, it's a hassle to remove your bearings, but you're replacing them anyway!

Bearing #	Size, mm (inner/outer/width)	Available from White Industries
6801	12 x 21 x 5	Yes
6802	15 x 24 x 5	No
3802W (replaces 2 6802's)	15 x 24 x 10	Yes
6805	25 x 37 x 7	No
6901	12 x 24 x 6	Yes
6902	15 x 28 x 7	Yes
6903	17 x 30 x 7	Yes
6904	20 x 37 x 9	No

Pawl & spring kits, ratchet/drive rings

We offer 24T pawl and spring kits that fit all the rear hubs listed here (part #KITPAWL24). There is the slight possibility that your hub could have been upgraded to a 48T engagement system at some point so double check what you have by counting the number of "clicks" you hear in one rotation of the freehub or count the number of teeth on the ratchet ring inside the hub. Or refer to the "Ratchet Ring and Pawl Identification" document in the Support section of our website to help identify which system you have. If your ratchet ring is damaged we will need to confirm the hub model which will require photos of the hub, ratchet ring and pawls.

Freehub bodies/drivers

Unfortunately, we do not offer replacement aluminum or steel drivers and those drivers can not be upgraded to titanium. To see what drivers are available for your hub, visit the "Freehub Bodies" page. Available drivers will be shown there. If you don't see your hub listed, or the driver you want is not listed for your hub, that means there are no drivers available for your hub.

Axle kits & parts

We offer axle conversion kits and axle parts for some discontinued hubs. Visit our "Axle Kits" page. Available axle parts will be shown there. If you don't see your hub listed, or the axle parts you want are not listed for your hub, that means there are no parts available for your hub.

Front Hubs:

Front Hub Model	Years in Production	Disc/Rim Brake	Axle Spacing/Type	Spoke Hole Drillings	Axle Material	Axle Tube Outside Diameter	Bearings	Left Flange Dia. (mm)	Right Flange Dia. (mm)	Center to Left Flange (mm)	Center to Right Flange (mm)
Ti Front	1994-2001	Rim	100mm x 9mm QR	28,32,36	6/4 Ti	12mm	2x 6901 (12 x 24 x 6)	34	34	35.5	35.5
Tracker	1994-2001	Rim	100mm x 9mm QR	28,32,36	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	40	40	35.5	35.5
Rocket	1997-2001	Rim	100mm x 9mm QR	32,36	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	74	74	35.5	35.5
RX Disc 6 bolt	1997-2001	6 bolt disc	100mm x 9mm QR	32,36	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	74	74	20.5	32.6
RX Disc Rock Shox 3 bolt	1997-2001	Rock Shox 3 bolt disc	100mm x 9mm QR	32,36	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	74	74	26	32
Boxxer	1997-1998	Rock Shox 3 bolt disc	110mm x 20mm Thru	32	6061 Aluminum	25mm	2x 6805 (25 x 37 x 7)	No data!	No data!	No data!	No data!
Jockey	2002-2005	Rim	100mm x 9mm QR	32,36,40,48	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	73.5	73.5	34	34
DJ (Disc Jockey)	2002-2005	6 Bolt disc	100mm x 9mm QR	32,36,40	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	73.5	73.5	22	34
Racer X	2002-2005	Rim	100mm x 9mm QR	28,32,36	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	41	41	37	37
FX	2002-2003	Rim	100mm x 9mm QR	32	4130 Steel	12mm	2x 6901 (12 x 24 x 6)	34	34	35.5	35.5
LTA	2002-2005	Rim	100mm x 9mm QR	20,24,28,32	4140 Steel	12mm	2x 6901 (12 x 24 x 6)	34	34	35.5	35.5
Chub	2002-2005	6 bolt disc	110mm x 20mm Thru	32,36,40	6061 Aluminum	20mm	2x 6904 (20 x 37 x 9)	73.5	73.5	23	35
Venti	2006	6 bolt disc	110mm x 20mm Thru	32,36,40	6061 Aluminum	25mm	2x 6805 (25 x 37 x 7)	60	60	23	34
Mi5	2006-present	Rim	100mm x 9mm QR	28,32,36	4140 Steel	15mm	2x 6902 (15 x 28 x 7)	38.5	38.5	36	36
Mi6	2006-2015	6 Bolt disc	100mm x 9mm QR	32,36,40	4140 Steel	15mm	2x 6902 (15 x 28 x 7)	60	60	21	33
H1	2006-2008	Rim	100mm x 9mm QR	18,20,24,28,32	4140 Steel	12mm	2x 6801 (12 x 21 x 5)	32	32	35.8	35.8
Daisy	2006-2013	Rim	100mm x 9mm QR	32,36,40,48	4140 Steel	17mm	2x 6903 (17 x 30 x 7)	65	65	33.5	33.5
H2	2009-2012	Rim	100mm x 9mm QR	18,20,24,28,32	4140 Steel	12mm	2x 6901 (12 x 24 x 6)	35	35	35.8	35.8
Sno White	2013-2015	6 Bolt disc	135 x 9mm QR	32	4140 Steel	15mm	2x 6902 (15 x 28 x 7)	60	60	34	34

Rear Hubs:

Rear Hub Model	Years in Production	Freehub Body	Driver Engagement/Pawls	Disc/Rim Brake	Axle Spacing/Type	Spoke Hole Drillings	Axle Material	Axle Tube Outside Diameter	Driver Material	Hub Shell Bearings	Freehub Driver Bearings	Left Flange Dia. (mm)	Right Flange Dia. (mm)	Center to Left Flange (mm)	Center to Right Flange (mm)
TI Cassette 130mm	1992-1995	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	130mm x 10mm QR	28,32,36	6/4 Ti	12mm	Aluminum outer/Ti inner	2x 6901 (12 x 24 x 6)	2x 6901 (12 x 24 x 6)	55	55	37.5	18.5
TI Cassette 135mm	1992-1995	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	135mm x 10mm QR	28,32,36	6/4 Ti	12mm	Aluminum outer/Ti inner	2x 6901 (12 x 24 x 6)	2x 6901 (12 x 24 x 6)	55	55	35	21
TI Cassette 145mm	1992-1995	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	145mm x 10mm QR	28,32,36	6/4 Ti	12mm	Aluminum outer/Ti inner	2x 6901 (12 x 24 x 6)	2x 6901 (12 x 24 x 6)	55	55	29.5	26.5
Aft-Tracker	1994-1995	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	135mm x 10mm QR	28,32,36	4140 Steel	Stepped 17mm/18mm	Aluminum outer/Ti inner	2x 6903 (17 x 30 x 7)	Needle bearings/nitride sleeve, no longer available	55	55	35	21
Speed Racer 130mm	1996-2001	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	130mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	55	55	37.5	18.5
Speed Racer 135mm	1996-2001	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	135mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	55	55	35	21
Speed Racer 145mm	1996-2001	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	145mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	55	55	29.5	26.5
Rocket 88	1997-2001	Shimano 7 speed HG or Shimano 8 speed HG	24T/3 pawls	Rim	135mm x 10mm QR	32,36	4140 Steel	15mm	4130 Steel	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	88	88	35	21
RX Disc	1997-2001	Shimano 8 speed HG	24T/3 pawls	Rock Shox 3 bolt or ISO 6 bolt disc	135mm x 10mm QR	32,36	4140 Steel	15mm	4130 Steel	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	67	67	35	21
FX	2002-2003	Shimano 8 speed HG	24T/3 pawls	Rim	135mm x 10mm QR	32	4140 Steel	15mm	4130 Steel	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	55	55	35	21
Racer X	2002-2005	Shimano 8 speed HG	24T/3 pawls	Rim	135mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	55	55	37.5	18.5
Jockey	2002-2005	Shimano 8 speed HG	24T/3 pawls	Threaded for drum brake	145mm x 10mm QR	36,40,48	4140 Steel	15mm	4130 Steel or 6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	67	67	31	27
DJ (Disc Jockey)	2002-2005	Shimano 8 speed HG	24T/3 pawls	6 Bolt disc	135mm x 10mm QR	32,36,40	4140 Steel	15mm	4130 Steel or 6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	67	67	36.5	21.5
LTA Shimano	2002-2005	Shimano 8 speed HG	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	38	55	35.5	18.5
LTA Campy	2002-2005	Campy 10	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	4x 6802 (2x 3802W replaces 4x 6802)	38	55	34.5	19.5
H1 Shimano	2006-2007	Shimano 10 speed HG	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	1x 6902 (15 x 28 x 7), 1x 6802	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	35	55	35.5	18.6
H1 Campy	2006-2007	Campy 10	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	1x 6902 (15 x 28 x 7), 1x 6802	4x 6802 (2x 3802W replaces 4x 6802)	35	55	34.4	19.5
MiS gen 1	2006-2016	Shimano 10 speed HG or SRAM XD	24T/3 pawls	Rim	130mm or 135mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	55	55	35	21
Daisy	2006-2013	Shimano 10 speed HG	24T/3 pawls	Threaded for drum brake	145mm x 10mm QR	36,40,48	4140 Steel	15mm	4130 Steel or 6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	54	54	30	25.5
Mi6	2006-2015	Shimano 10 speed HG or SRAM XD	24T/3 pawls	6 Bolt disc	135mm x 10mm QR	28,32,36,40	4140 Steel	15mm	4130 Steel or 6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	60	60	35	22
H2 Shimano	2009-2010	Shimano 10 speed HG	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	40.5	55	36	18
H2 Campy	2009-2010	Campy 10	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	4x 6802 (2x 3802W replaces 4x 6802)	40.5	55	34.4	19.5
Mi6 Tandem	2010-2015	Shimano 10 speed HG or SRAM XD	24T/3 pawls	6 Bolt disc	145mm x 10mm QR	32,36,40,48	4140 Steel	15mm	4130 Steel or 6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	60	60	30	23.5
H3 Shimano	2011-2012	Shimano 10 speed HG	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	40.5	55	36	18
H3 Campy	2011-2012	Campy 11	24T/3 pawls	Rim	130mm x 10mm QR	24,28,32,36	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	4x 6802 (2x 3802W replaces 4x 6802)	40.5	55	38	16
CX11 130	2013-2015	Shimano 11 speed HG	24T/3 pawls	6 Bolt disc	130mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	60	60	35	16.5
CX11 135	2013-2015	Shimano 11 speed HG	24T/3 pawls	6 Bolt disc	135mm x 10mm QR	28,32,36,40	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	60	60	36.5	18.5
Sno White	2013-?	Shimano 10 speed HG	24T/3 pawls	6 Bolt disc	170mm	32	4140 Steel	15mm	6/4 Ti	2x 6902 (15 x 28 x 7)	1x 6902, 2x 6802 (1x 3802W replaces 2x 6802)	60	60	36	36