Running Gear & Wheel Equipment

Hubs & Bearings • Axles • Suspension Components • Wheels & Tyres • Mudguards

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U bolt plate Page 40

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Hubs & Bearings



RUNNING GEAR & WHEEL EQUIPMENT

 P1258 Hub cap Grey 76mm. For trailers with bolt on knott brakes and 76mm bearings 1996 onwards. Damaged or missing hub caps should be replaced as soon as possible to avoid potential contamination of the unitised bearing. P1014Z Stake Nut M30. With flange. F1016 Stake Nut. Fitted to the Unbraked Eurolight & Q Range. F1951 Circlip. 76mm internal (bearing retainer) circlip - for the current production type bearing. P00002 Bearing. Unitized bearing for hubs with a 76mm bore. Fitted since January 1996. This bearing is sealed for life and should not be disassembled. P00003 Bearing. Fitted to the Unbraked Eurolight & Q Range. 		
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5 P00002 Bearing. Unitized bearing for hubs with a 76mm bore. Fitted since January 1996. This bearing is sealed for life and should not be disassembled.	3 F1016	Stake Nut. Fitted to the Unbraked Eurolight & Q Range.
1996. This bearing is sealed for life and should not be disassembled.	4 F1951	
C P00003 Bearing. Fitted to the Unbraked Eurolight & Q Range.	6 P00002	
	6 P00003	Bearing. Fitted to the Unbraked Eurolight & Q Range.

HUB KITS

These hub kits will suit all braked trailers manufactured since January 1996 and originally fitted with the P00002 bearing.

7 KS0825	Hub kit. 200 x 50, 4 bolt holes. Contains hub as illustrated, P1258 hub cap, F1014Z Stake nut, F1951 Circlip & P00002 Bearing.
6 KS0826	Hub kit. 200 x 50, 5 bolt holes. Contains hub as illustrated, P1258 hub cap, F1014Z Stake nut, F1951 Circlip & P00002 Bearing.
9 KS0827	Hub kit 250 x 40 5 holt holes. Contains hub as illustrated. P1258 hub can

- KS0827 Hub kit. 250 x 40, 5 bolt holes. Contains hub as illustrated, P1258 hub cap, F1014Z Stake nut, F1951 Circlip & P00002 Bearing.
- KS0828 Bearing Adaptor Kit. This Kit is required in addition to the relevant hub kit listed above when fitting to a trailer manufactured between September 1992 & January 1996 with the SKF bearing fitted.

The Unitised wheel bearings do not require adjustment, however if the hubs are removed it is recommended that a new axle end nut is fitted and tightened to a torque of 350Nm/260lb ft. Over-tightening or under-tightening will cause the bearing to fail.





RUNNING GEAR & WHEEL EQUIPMENT



Hubs & Bearings





To order see page 5/153 for IWT distributor details. Prices available on separate Spares Pricelist

Axle Beams & Complete Assemblies

RUNNING GEAR & WHEEL EQUIPMENT



Ifor Williams

Parts

Axles compatible with 200 x 50 Backplates - 4 & 5 Bolt

Complete Axle Assy Number	Models This Axle Is Compatible With	Axle Beam	Length of Spring Centes	Length Over Hub Faces	Number of Wheel Bolts
AS4007	Unbraked Eurolight		757	1122	4
AS6401	GD6, HB510, HB511	AS0381	1770	2110	4
AS6402	HB505, HB506	AS0382	1642	1984	4
AS6403	TA5G, GD5	AS0383	1542	1924	4
AS6404	LT6G, GB	AS0384	1450	1828	4
AS6406	HB401	AS0386	1227	1610	4
AS6407	LT1*5G	AS0387	1146	1520	4
AS6408	TT85G	AS0388	1110	1460	4
AS6409	LT85G, TT2515	AS0389	1045	1387	4
AS6414	BV5G	AS0390	1530	1924	4
AS6415	P6G, P8G, BV84G	AS0391	1224	1610	4
AS6440	Eventa Tri Axle	AS0392	1755	2100	5
AS6417	GD4, GD84GTA, GX84	AS0393	1250	1610	4
AS6445	GX85, GX105	AS0395	1575	1935	4
AS6451	Eurolight 1.2m	AS0411	757	1147	4
AS6452	Eurolight 1.5m	AS0412	1032	1407	4
AS6458	GH64, GH94, P6B,P7B, Q6B, Q7B	AS0423	1161	1511	4
AS6459	GH94+3, GH94+3BT	AS0340	1240	1590	4
AS6460	HB403	AS0413	1275	1610	4
AS6466	P8B, Q8B	AS0343	1386	1753	4
AS6480	TB 2.1m with 10" wheels	AS0344	1411	1753	4
AS6410	TA5G 10' & 12, GD5 (5 Bolt)	AS0390	1542	1924	5
AS6412	LM105G, LM125G	AS0387	1146	1520	5
AS6413	LM85G, TT2515 with 12" wheels	AS0389	1045	1387	5
AS6418	LM1*6/ DP/ CT166 Tri Axle	AS0384	1450	1828	5
AS6439	CT115	AS0379	1610	1975	5
AS6440	LM1*7/ CT167 Tri Axle	AS0392	1755	2100	5
AS6442	GX126 Tri, GP126 & GP146 Tri Axle with 12" wheels	AS0381	1770	2110	5
AS6444	TA510G3 14' Tri Axle	AS0398	1770	2150	5
AS6447	CT136, CT136SA	AS0397	1770	2135	5
AS6448	GP126 & GP146 Tri Axle with 16" wheels	AS0399	1770	2175	5
AS6455	GD4 with 16" wheels	AS0393	1250	1610	5
AS6456	GD5 with 650R16 wheels	AS0395	1575	1935	5

AXLES COMPATIBLE WITH 250 X 40 BACKPLATES – 5 BOLT

In March 2014 the design of the 250 x 40 backplate changed. For trailers manufactured before March 2014 with 250 x 40 Knott backplates, a replacement axle weld assembly is no longer available which suits that design of backplate. Should you require a replacement axle weld assembly, you will need to order a new 'complete axle assembly' which will be supplied with the new style backplates fitted (and hub).

Complete Axle Assy Number	Models This Axle Is Compatible With	Axle Beam after March 2014	Length of Spring Centes	Length Over Hub Faces	Number of Wheel Bolts
AS6420	BV6 with 16" wheels, HB510XL & HB610	AS029504	1770	2150	5
AS6421	BV6 with 12" wheels, GP1#6 with 12" wheels, GX106, GX106N & GX126	AS029505	1770	2110	5
AS6422	DP Range, LM6G & B Range, CT166, TT3621	AS029506	1450	1828	5
AS6424	LM105GHD, LM125GHD, TT105G, TT3017	AS029508	1146	1520	5
AS6425	LM85GHD	AS029509	1045	1387	5
AS6426	LM147G, LM/CT167G, CT177, EVENTA	AS029510	1755	2100	5
AS6427	TA5GHD	AS029503	1542	1924	5
AS6428	TA510G	AS029511	1770	2175	5
AS6431	GX105HD, GX125HD, GD5 with 175 75 R16 wheels	AS029502	1575	1935	5
AS6461	GH1054	AS029514	1556	1905	5
AS6481	TB 2.1m with 12"wheels	AS029516	1411	1753	5

RUNNING GEAR & WHEEL EQUIPMENT



Unbraked Axles & Suspension Components

NEW

4	P12081	Spring Eye Bush. Used in parabolic springs Type C90003 & C90004. Fitted up to 2001	
e	P1208	Bush. Used in parabolic springs Type C90001 & C90002. Fitted up to 2001	
6	C20340	Spacer Tube. For spring eye bush in Parabolic springs C90001 and C90002 (will not fit C90003 or C90004).	
4	C90003	Parabolic Spring. Mono leaf parabolic road spring (current production type).*	
6	C90004	Parabolic Spring. Twin leaf parabolic road spring (current production type).*	
6	F0417	Centre Bolt. M8 x 40 Spring centre bolt. Bolts the two leaf spring together.	
¢	C31270	Clamp Plate. Used to secure U bolts to axle and springs (2 per axle).	
	C00131	U Bolt. Fitted the Q and the Unbraked Eurolight range of trailers.	
8	C00141	U Bolt. Holds the axle and roadsprings together - 4 per axle 120mm long (single leaf springs).	
9	C00148	U Bolt. Holds the axle and roadsprings together - 4 per axle 130mm long (Two leaf springs).	
1	C70340	Spring Retainer Bush. 50mm Used at the flat end of the mono leaf spring to prevent spring movement (where there is no second spring eye present).	
9	C70341	Spring Retainer Bush. 42mm Used at the flat end of the twin leaf spring to prevent spring movement (where there is no second spring eye present).	
4	C80315	Bump Stop. Used on all trailers with Parabolic springs from January 1994	
0	C80316	Bump Stop. Fitted to the new TB range of trailers, offset centre.	
1	C80317	Bump Stop. Fitted the Q and the Unbraked Eurolight range of trailers.	
1	C80318	Rebound Bush Moulding. Fitted to the Tipper (TT2515, TT3017, TT3621 range) above and below the suspension leaf springs at the tail end of the spring to reduce the noise generated by the suspension	
	F0374ZPK	Bolt M12 x 80 Hex High Tensile. Used to secure the leaf spring through the eye of the bush. Pack Qty 10.	
	F0378ZPK	Bolt M12 x 100 Hex High Tensile. Used to secure the leaf spring through the eye of the bush. Pack Qty 10.	
	F1056ZCPK	Nut M12 Flanged Nyloc. Used to secure the C00141 & C00148 U Bolts. Pack Cty 10. It is recommended that these nuts are checked and tightened every 1000 miles or 2 months. They should be tightened to 140Nm (socket size 18mm)	

* It is recommended that these springs are changed in axle sets only.

OLD TYPE

16 P0020	5 Leaf Spring. This type of roadspring was used on various models until January 1994.
1 P0022	7 Leaf Spring. This type of roadspring was used on various models until January 1994.
13 C10011	Shackle Bracket. Weld on component for trailers with 4,5 or 7 leaf springs.
19 C00145	U-Bolt. Holds the axle and roadsprings together - 4 per axle (7 leaf springs Post March 1990).
20 C00146	U-Bolt. Holds the axle and roadsprings together - 4 per axle (5 leaf springs Post March 1990).
F1078ZCPK	Nylon Nut 1/2" UNF. To fit C00145 & C00146 U-Bolts. Pack qty 10
F0464ZPK	Bolt 5/8 unc x 3 3/4 Hex Head. Used to secure the 5 & 7 leaf spring. Pack Qty 8.
F1081ZPK	Nut 5/8 unc. Nylon Pack Qty 10.

BV64e, P5, P6e, P7e, P8e, Q5, & **Q7 UNBRAKED RANGE**

A	P05915	Suspension Axle. 500Kg GVW Rubber suspension axle complete with hubs (100mm PCD) as fitted to P5 models.
	²³ P05920	Suspension Axle. 500Kg GVW Rubber suspension axle complete with hubs (100mm PCD) as fitted to P6e & BV64e with 10" tyres.
	24) P05930	Suspension Axle. 750Kg GVW Rubber suspension axle complete with hubs (100mm PCD) as fitted to P6e & P7e with flotation wheels.
A	P05940	$\begin{array}{l} \textbf{Suspension Axle. 500kg GVW Rubber suspension axle complete with hubs (100mm PCD) as fitted to P6e & P7e with 13'' wheels. \end{array}$
A	P05945	$\label{eq:suspension} \begin{array}{l} \textbf{Suspension Axle.} \ 1000 \text{kg GVW Rubber suspension axle complete with} \\ \textbf{hubs.} \ (100 \text{mm PCD}) \ \text{as fitted to the P8e with 13'' and flotation wheels.} \end{array}$
A	AS4002	Axle Weld Assembly. Fitted to the Q5 Road / Off Road with flotation wheel assemblies.
A	AS4005	Axle Weld Assembly. Fitted to the Q6 &Q7 Road /Off Road with flotation wheel assemblies.
A	AS4009	Axle Weld Assembly. Fitted to the Q5 Off Road with 22 x 11-8 wheel assemblies.
	P05931	Hub Overhaul Kit. For the full suspension axle fitted to P6e models (1997 onwards), P5, P7e & P8e overhauls one hub. Complete with bearing, seal, clip, hub cap and axle end nut.
6	5 P05931/HUB	Hub. For the full suspension axle fitted to P6e models (1997 onwards), P5, P7e & P8e, Unbraked Eurolight & Q range.
ę	26 P05931/BE	Bearing. For the full suspension axle fitted to P6e models (1997 onwards), P5, P7e & P8e.
	P00003	Bearing. Fitted to the Unbraked Eurolight & Q range.
ę	77 P05931/C	Circlip. For the full suspension axle fitted to P6e models (1997 onwards). Also fitted to P5, P7e & P8e, Unbraked Eurolight & Q range.
6	²³ P05931/S	Seal. For the full suspension axle fitted to P6e models. 56mm OD x 44mm ID x 5mm.
6	29 P05931/S2	Seal. For the full suspension axle fitted to P6e models. 64mm OD x 44mm ID x 5mm. Also fitted to P5, P7e & P8e.
(30 P05931/AN	Axle End Nut. For the full suspension axle fitted to P6e models (1997 onwards). Also fitted to P5, P7e & P8e.
(1) P05931/HC	Hub Cap. For the full suspension axle fitted to P6e models. Fits 52mm hole.
(2 P05931/HC2	Hub Cap. For the full suspension axle fitted to P6e models. Fits 64mm hole. Also fitted toP5, P7e & P8e. Unbraked Eurolight & O range



Tyres & Accessories



RUNNING GEAR & WHEEL EQUIPMENT



TYRES

Part Code	Size	Load / Speed Index	Max Load Per Tyre (kg)	Pressure Bar	Pressure PSI
P0815T	145R10C 8PR	84N / 82N	500	4.5	65
2 P0888T	6.50R16C 10PR	108 107P	1000	5	73
3 P0841T	165R13C 8PR	94N / 92N (96N FRT)	585***	3.4	50
P0841T	165R13C 8PR	94N / 92N (96N FRT)	650***	4.2	60
P0841T	165R13C 8PR	94N / 92N (96N FRT)	710***	4.5	65
P0876T	195/55R10C	98N	750	6.2	90
P0878T	155/70R12	104 / 102N	900*	6.5*	94*
P0878T	155/70R12	104 / 102N	900**	6.2**	90**
P0875T	185/70R13C	106 / 102N	950	6	87
P0889T	195/60R12	104 / 102N	900	6.5	95
P0879T 175/75R16C		101R (104N) FRT	900	4.8	69
* 5.5 Inch rim **4.5 Inch rim **4.5 Inch rim					

ACCESSORIES

6 P08891V	Valve. Compatible with many wheel assemblies (contact us for details)
7 KX0835	Wheel Trim Set. To fit 13" wheels, supplied in a set of 4. Style of trim may vary from illustration.
8 P1256	Wheel Brace. 19mm, supplied as standard with most trailers.
B0019	Wheel Wrench. 4 Headed wrench sizes 17,19,21 & 22mm, supplied with the Horsebox and Box Van prop stand kits.
00 F1830ZPK	Wheel Bolt. M12 x 1.5mm pitch 30mm long, 19mm A/F head. Pack of 4
0 F1835ZPK	Wheel Bolt. M14 x 1.5mm pitch 27mm long, 19mm A/F head. Pack of 5
12 KX9802	Locking Wheel Bolt Kit. M12 x 1.5 pitch with uniquely coded adapter and spider wheel wrench.
B0054	Trailer-Aid Ramp - Black. Simplifies wheel changing on twin axle trailers.
13 B0055	Trailer-Aid Ramp - Yellow. Simplifies wheel changing on twin axle trailers.
10 KX0240	Wheel Chocks. Pair of lightweight wheel chocks with snap fit holder for fixing to trailer.

RUNNING GEAR & WHEEL EQUIPMENT



Wheel Assemblies & Wheel Centres



WHEEL ASSEMBLIES

WHEEL CENTRES

1					1		
Part Code	Description	Load / Speed Index	Pressure Bar	Pressure PSI	Part Code	Description	Where Used
1 P0815	Wheel Assembly 145R10 8Pr	84N 82N	4.5	65	2 P0804	Wheel Centre 3.50BX10 ST4/5.5/95 ETO	Older LT models
P0835	Wheel Assembly 145/80B10	74N	2.5	36	3 P0864	Wheel Centre 3.5BX10 ST 4/100/60 SILVER	P5, P6e, BV64e & Unbraked Eurolight
O P0845	Wheel Assembly 145R10/HG58S	325kg @ 190km/h		40	5 P0810	Wheel Centre 3.5 x 10	Older P6e trailers with susupension units
P0877	Wheel Assembly 155/70R12	104/102N	6.5	94	6 P0875C	Wheel Centre 5.5JX12 5/6.5/114.5 ETO	CT115, CT136 & CT177
7 P0878	Wheel Assembly 155/70R12	104/102N	6.2	90	P0878C	Wheel Centre 4.5JX12 5/6.5/114.5 ETO	BV6, GP & GX
3 P0875	Wheel Assembly 185/60R12	104/102N	6.5	94	6 P0875C	Wheel Centre 5.5JX12 5/6.5/114.5 ETO	Older models
9 P0876	Wheel Assembly 195/55R10C	98N	6.2	90	P0876C	Wheel Centre 6.00X10 4/5.5/95.3 ET-10	GH94 (flatbed model) and TB Tiltbed (3T twin axle and tri axle models)
0 P08891	Wheel Assembly 195/60R12	104/102N	6.5	95	P08891C	Wheel Centre 6JX12 5/6.5/114.5 ETO	BIAB, BV6 series, CT166/7, DP range, Eventa, GP, LM Flatbed and Beavertail range and TB range (longer twin axle models) and Tipper range
D P08891AL	Alloy Wheel Assembly 195/60R12	104/102N	6.5	95	12 P08891ALC	Alloy Wheel Centre	Optional accessory on BIAB, Eventa (Style may vary from illustration)
P0833	Wheel Assembly 145/70R13 4PR	84N FRT	3.7	54	Not Available		LT Range, P#B & Eurolight
P0834	Wheel Assembly 145/70R13 4PR	78N	3.2	47	Not Available		P6e, P7e & P8e
P0852	Wheel Assembly 155R13 4PR	79S / T / 78S	2.4	35	Not Available		HB401.
3 P0841	Wheel Assembly 165R13C 8PR	94N / 92N (96N FRT)	4.5	65	14 P0805	Wheel Centre 4.5JX13 4/5.5/95.5 ET25.4	Boxvan (BV4 and 5 series), Eurolight (EL141 and EX202 models), GD range, GX84 and 5, Horsebox range, P*G range, TA5G range
5 P0841AL	Alloy Wheel Assembly 165R13C 8PR	94N / 92N (96N FRT)	4.5	65	Not Available		Optional accessory on Horsebox range
P0851	Wheel Assembly 185/70R13C	106 / 102 N	6	87	10 P0820	Wheel Centre 6JX13 H2 5/6.5/114.5 ET+7	GH1054 and Tipper range (TT3017 and TT3621)
7 P0872	Wheel Assembly 195/50R13	104 / 102J (100/98N)	6.5	94	16 P0820	Wheel Centre 6JX13 H2 5/6.5/114.5 ET+7	Older models
⁸ P0867	Wheel Assembly 20.5 x 8-10 4PR	77M	2.5	36	19 P0865	Wheel Centre 6.00IX10 4/100/60 ET-3	EL071, P6, P7 & Q#e
20 P0868	Wheel Assembly Flotation mounted onto 100mm PCD	600kg @ 130km/h		70	21 P0812	Wheel Centre 6.00 x 10	Older P6e trailers with susupension units
P0879	Wheel Assembly 175/75R16C	101R (104N FRT)	4.8	69	22 P0808S	Wheel Centre 500F x 16" Vented	BV6, GD, HB510XL, HB610, TA5G & TA510G
3 P0888	Wheel Assembly 6.50R16C 10PR	108 / 107P	5	73	23 P0808	Wheel Centre 500F x 16" Non Vented	BV6, GD, HB510XL, HB610, TA5G & TA510G
25 P0894	Wheel Assembly 22 x 11 Off Road Knobbly ATV Tyre	155kg @ 100km/h	0.3	5	Not Available		Q5e Off road model

To order see page 5/153 for IWT distributor details. Prices available on separate Spares Pricelist

Spare Wheel Options



RUNNING GEAR & WHEEL EQUIPMENT

SPARE WHEEL BRACKETS

2

1 AS0013	Spare Wheel Bracket. Fitted to the older Livestock and BV trailers and the current GP Low sided range with 12" & 16" wheels.
2 AS4520	Spare Wheel Bracket. Fitted to the BV64E.
3 AS5100	Spare Wheel Bracket. Fitted to the Imperial GD range, TT105G, TT126G, P6G & P8G.
4 AS5106	Spare Wheel Bracket. Fitted to the P5e,P6e,P7e,P8e,P6b,P7b & P8b with 10", 13" & flotation wheel assemblies
5 AS5539	Offset Spare Wheel Bracket. Can be fitted to the flatbed range when a winch is fitted over the standard spare wheel bracket.
6 AS7001	Spare Wheel Bracket. Fitted to the current TB range with 10" wheels.
7 AS7028	Spare Wheel Bracket. Fitted to the current TB range with 12" wheels.
3 C00371	Spare Wheel Bracket. Fitted to the GX84.
C00215	Spare Wheel Support J Bolt. Compatible with the C00371 & C00373 spare wheel brackets.
C00373	Spare Wheel Support Bracket. Fitted to the GX105HD & GX6 range with 12" wheels.
9 C10769	Spare Wheel Bracket. Fitted to the current BV range.
10 C10770	Spare Wheel Bracket. Fitted to the current Tipper, GD, TA5G & TA510G range. Please specify size of wheel fitted when ordering.
1 C12766	Spare Wheel Bracket. Fitted to the Eurolight range.
12 KX9978	Spare Wheel Bracket. Fitted to the HB401, HB505 & HB510.
CDA	

SPARE WHEEL BRACKET FITTINGS

¢	C09803	Spare wheel Studding. M16 x 165mm.
	C09804	Spare wheel Studding. M16 x 115mm.
	C15841	Spare wheel Clamp. Used with the studding to secure the spare wheel.
	F1062PK	Nyloc Nut M16,8. Compatible with the Studding. Pack Qty 10.
	F1067ZPK	Nut M16 Hex. Compatible with the studding. Pack Qty 10.
ľ	KX0795	Lockable Spare Wheel Carrier. Compatible with the HB403, HB506 & HB511. Allows for a padlock to be fitted (not included)
1	90885-SVR	Spare Wheel Cover. Rigid silver /grey cover printed with the Ifor Williams logo. Fits the 165R13 wheel. Compatible with the Horsebox range.
1	P4084	Spare Wheel Cover. Rigid silver /grey cover printed with the Ifor Williams logo. Fits the 195/60R12 wheel. Compatible with the Eventa.

SPARE WHEEL KITS

Wheel assembly, bracket and all fittings included.		
KX0243	Spare Wheel Kit. CT115 & CT136	
KX35318	Spare Wheel Kit. GH94BT (165R13)	
KX35319	Spare Wheel Kit. GH94 (195/55R10TL)	
KX35320	Spare Wheel Kit. GH1054BT (185/70R13)	
KX8645-A	Spare Wheel Kit. Q#e (Off-Road & Flotation). Not applicable for Q5e Off Road trailers with knobbly wheels	
KX8645-B	Spare Wheel Kit. Q#b (195/55R10)	



RUNNING GEAR & WHEEL EQUIPMENT

Fitted until late 2012



Mudguards and Mudflaps



