



Make and model	UK ref	Alt part No.	Make and model	UK ref	Alt part No.
ALLIS CHALMERS			BELARUS (continued)		
Gleaner Combine (P)	644	664	T250	069	072
Gleaner Combine (D)	531x2	-	BENATI		
5000 Combine, 545, 645	647	655	120 LCB & 140 LCB	333	-
5020, 5030	088	068	160 LCB	096	100
5040, 5050, 6040, 6060, 6070,	644	664	60	096	100
6080, 6140, 7000 & 8000 Series	644	664	BOLINDERS		
N5, N6, N7 Harvey Combines	644	664	Tractors		
'A' Tractor	531	-	BM25, 36, 55 (D)	624	-
B270, D270 & S270 (K & P)	071	069	BM31, 33, 34 (P & VO)	531	-
ED40 Depthomatic (D)	643	663	BM320, 400	541x2	-
BTL12D, BTL14D, BTL16D, TL12,	643	663	LM218	622x2	621x2
TL14 & TL16	643	663	T800, 810, 814	531x2	-
BTL10, BTL12, BTL14 & BTL16 (D)	643	663	VHK115, 116, 310,	622x2	621x2
HD3	531x2	-	55 (D)	541x2	-
HD5, HD5G, HD7, HD9, HD10,	541x2	-	230	633	-
HD10N, HD14, HD15,	541x2	-	350	541x2	-
HD19, HD19H, HD20, HD20H	541x2	-	BOMAG (KOEHRING)		
HD6G & HD11	622	621	BW101A, BW100AD, BW120AD	017	019
S & SO	531x2	-	BW160A	637	612
M, WC, WD, WF, U & UC	531	-	K351, K451, K3008	621	629
TL545 & TL645 (AEC engine)	643x2	663x2	BRISTOL		
BTL20	621x2	629x2	Tractors		
BT30 & BTL30	624x2	-	"22" (Perkins P3), (D) 25-D52, 25-D30	069	072
TK12, TL12 & TL16 Wheel Loader	648	656	"20" (2 Litre engine), "22"	069	072
345 Wheel Loader 545B & 605	644x2	664x2	(Austin 2 Litre engine), "25" (P)	069	072
TL30, TS360, 745 & 745B	624x2	-	"25" (Perkins P3) (D) and D Series,	069	072
745H Wheel Loader	624x2	-	Agricultural	069	072
BTL645 (Harvey engine)	647x2	655x2	Angledozer, Duplex, Europa,	069	072
645B	623x2	-	Agricultural & PD Series	069	072
HD15, HD16, HD21, BT30, BTL30	624x2	-	PD Series	069	072
Simplicity Ride On Tractor (Mini)	038	015	Taurus BS404/5, Taurus MKII	663	643
ARMAL			DAVID BROWN see Case International		
MV50	644	664	CASE INTERNATIONAL (IH)		
MV250, MV135, MV185	637	612	Combines		
ATLAS COPCO			125	531	-
Tractors			221, 321	531x2	-
328	088	068	1400 Series	069x2	072x2
VT3/4, VT5	663	643	SP123, 125	531	-
VT6, PR365RD, PR365COD,	643x2	663x2	TD18 Harvester	531	-
PR600RD	643x2	663x2	David Brown		
BANFORD			3K4/3 (Kerosene)	069	072
Combines			770, 780,	643	663
Clayes M80, M103	541x2	-	780, 880 Selectamatic	088	068
Landlord, Laverda	629	621	880, 885,	643	663
Volvo ST257	404x2	-	885 (Petrol)	088	068
Volvo S1000A	531x2	-	900C, 900G, 900K, 950G	069	072
BAUTZ			(Petrol / Kerosene)	069	072
Tractors			970 Selectamatic	644	664
AL122, AL350, AW120U, AW350	096	100	990, 995, 996, 1200	643	663
BELARUS			1200 Selectamatic	644	664
Tractors			1210	643	663
T150	069	072			



Make and model UK ref Alt part No.

CASE INTERNATIONAL (IH) (continued)

1210 Selectamatic	644	664
1212	643	663
1212 Selectamatic	644	664
1270, 1410, 1412	643	663
2670	648	656
Cropmaster	069	072
Cropmaster (D)	531x2	-
International Harvester		
354, 374, 384, 385, 444, 454,	648	656
475, 484, 485	648	656
574	644	664
584, 585	648	656
614	531x2	-
634, 674, 684, 685, 784, 884, 885	648	656
955, 956, 1055, 1056	637	612
1600, 1700, 1800 CV / D	648	656
3400, 3500	656	648
Tractors		
Two Wheel Drive Models 374, 384/385,	648	656
484/485, 584/585	648	656
684/685, 784/785, 884/885 until 1983	648	656
684/685, 784/785, 884/885 1983 On	664	644
Two Wheel Drive Hydrostatic Models:		
384/385, 484/485, 584/585	648	656
684/685, 784/785, 884/885	648	656
Four Wheel Drive Models 684/784	664	644
Two Wheel Drive Models 354, 374,	664	644
444, 454, 574, 674	664	644
354, 374, 444, 454, 574, 674	648	656
B275, B414	069	072
B354, B434, B444, B454, B474, B574	644	664
B450 Distillate	017x2	019x2
B450 Farmall International	531	-
BMD (D), SBMD (D), B614	531	-
B634, B674	664	-
Farmall M, BM, BMD(P), BW6,	531	-
BWD6, SBM, SBMD	531	-
SBW6, SW6, W6, W9, 531	531	-
H30B, H65B	624	-
354, 444, 454 Canada	648	656
454SM, 474HS, 474SM, 574HS,	648	656
574SM, 674SM	648	656
2300, 2350, 2400SM, 2500SM,	664	-
3400, 2090, 2390, 2590	664	-
2094, 2294, 2394, 2594, 2470, 2670, 2870	644	648
3294, 3394, 3594, 4490, 4690, 4890	644	648
4494, 4694, 4894, 4994	644	648
CS 58, 63, 68, 75, 78, 86, 94, 110	017	019
CS and CVX 120, 130, 150, 170	629	62UR
MAXIMA and MXU Ranges	663	-
MAXXUM and CVX 1135-1190	629	62UR

CLAAS

Columbus (Perkins 4.99)	541x2	-
Comet (Mercedes)	621	629
Dominator 56	017	019
Dominator 76, 85, 85H & 96	630	-

Make and model

CLAAS (continued)

Dominator 105, 106	629	621
Europa (Perkins 4.270)	541x2	-
Jaguar 60	643	663
Matador (Perkins 6.354) Matador	541x2	-
Standard, Mercury,	541x2	-
Senator	541x2	-
Senator 60, Compact 25 & 30	017	019
Senator 70 & 85	630	-
SP Combine (Perkins L4)	541x2	-
SP Combine (Perkins P3)	663	643

JOHN DEERE

Tractors

1550, 1950	027	075
1030,1040, 1140, 1130, 1630, 1640, 1750,	027x2	075x2
830-1830, 2030-2130, 840-1840	027x2	075x2
2040-2140, 1350-1950, 2250-2850	027x2	075x2
940-2140, 1550-1950, 2250-2850	100x2	096x2
3030-3130, 3040, 3140, 3640,	017x2	019x2
4040 (S), 4240.(S), 4440, 930	017x2	019x2
1350-1950, 3050, 3350, 3650, 6205, 6215	017x2	019x2
1850N, 1950N	643	663
3100, 3200, 3300, 3400, 6100	027x2	075x2
6505, 6010-6410, 6515	643	663
6200, 6300, 6400, 6600	027x2	075x2
3050-3650, 5620-5820, 6600, 6900	612	637
6110-6910S, SE6010-SE6410, 6515	612	637
6120-6920S, SE6020-SE6620	612	637
6506, 6800, 6510-6910	629	629UR
SE6510-SE6610, 6520-6920S,	629	629UR
5020, 6030, 8440, 8450, 8630-8650	C31-900	-
5200-5500, 5400N, 5500N, 8850	643	663
Compact Tractors, Mowers, Utility		
1600, 1620 WAM	630	-
GX70-95, R70, R72, R92, RX63, RX73	895	-
RX75, RX95, SRX75, SRX95, CR125	895	-
1200, 1200A, L100, LT and LTR Series	895	-
LR and LX100 Series, SST16, STX30-38	895	-
AMT600, AMT622, AMT626	895	-
4 X 2, 6 X 4 Turf Gator	895	-
4500, 4600, 4700	250	250H
GX355, X495, X595, 355D, 2500, 2653A	057	049H
3235B, 4010, 4100, 4110, 2030	057	049H
GT235, LX277, LX279, 1435, 1445, 1565	057	049H
800 Aerator, 2653A, 1800, 455, 670, 955	057	049H
4200-4400, 4210-4410, 4515	057	049H
655, 755, 855, F700, F900, 2243, 2243D	027	075
Combines, Forage Harvesters		
925-975, 930-970, 952, 1032-1085	017x2	019x2
1133-1158, 2054, 2056, 2058, 2064, 2066	017x2	019x2
2254, 2256, 2258, 2264, 2266	017x2	019x2
Later 2254, 2256, 2258, 2264, 2266,	629	629UR
542, 544, 954-985, 1065-1177	630	-
985H4, 1065, 1068H, 1072, 1075H4	630	-
1166, 1169H4, 1174, 1174H4	630	-
1188, 1188H4,	017x2	019x2
6610-6910, 6650-6950 7200-7500	017x2	019x2

Agricultural vehicles



Make and model	NUMAX	Alt part No.	Make and model	NUMAX	Alt part No.
DEUTZ FAHR (KHD) also see Fahr			FIAT (continued)		
D 2505, 2506, 3005, 3006, 4006,	663	-	415DT, 415V, 421A, 431C,	073x2	068x2
4506, 5006, 5206	663	-	451C, 431R	073x2	068x2
D 4005, 4505, 5506, 6005, 6006,	637	612	513R	017	019
6206, 6507,	637	612	550, 650, 800	622x2	621x2
D 6806, 7006, 7206, 7207, 7807, 8006	637	612	500, 607, 637, 638, 715, 715DT,	622	621
DX80, DX90, DX92, DX110, DX120, DX145	637	612	750, 850, 850DT, 1000	622	621
D2807, 3607, 4007, 4507, 4807,	017	019	645, 745	644x4	664x4
5207, 6007,	017	019	655C	073	068
DX2-30, DX2-50, DX2-70, DX3-10, DX3-30	017	019	900	624x2	-
DX3-50, DX3-60, DX3-70, DX3-80,	017	019	805, 880, 1005, 1300S	624	-
DX3-90, DX4-10,	017	019	1101A Campagnola	071	069
DX4-30, DX-4-31, DX4-50, DX4-51,	017	019	1102A Campagnola	071x2	069x2
DX4-61, DX4-70,	017	019	44-28	624x2	-
DX-471	630	-	45-66	017	019
F1L612, F1M714	100	096	90C	067	096
FAHR also see Deutz Fahr			120C, 605C	630x2	-
Combine	647	655	180-90	630	-
Favorit 610, 611, 612, 614, 615, 622	624	-	355, 455, 555, 632, 634, 636, 647, 655	622	621
Farmer 1E, F1X2E, F230, F231GT	096	100	640, 680H, 780	630	-
Farmer 2E, 2DE, Farmer 3S	644	664	821L (D)	623x2	-
Farmer 104, Toolcarrier F250GT	017	019	FORD		
FENDT			1710, 1910 Compacts	089	069
102s, 103s/LS, 104s/LS, 203P,	017	019	2610, 3610, 3910, 4110, 5610,	622	-
303, 304	017	019	6610, 6710	622	-
105s/LS, 106s/LS & 108s/LS	630	-	7610, 7710, 7910, 8210	622	-
255GT, 275GT, TS60, TS80	630	-	Dexta 6x3 2000	250	250H
206, 305, 306, 308, 309	630	-	Dexta 6x4 3000	250	250H
310, 311, 312	637	612	Dexta 3000, 3600	622	-
FIAT			Force 5000, 7000, 8000, 8600, 9600	622	-
AD4, AD7	073x2	068x2	FW60 to 1986	663x2	-
AD5	017x2	019x2	Major	069x2	071x2
AD7C,bd7C	644x2	664x2	Major 4000 (D)	622	-
AD10, AD14,bd10,bd14, FL10, FL14	622	621	Major 4000 (P)	017	019
AD18,bd18	622x2	621x2	New Major (Rowcrop Commercial)	069	072
BM12, BM15, DM12, DM15	018	-	Power Major (P)	069x2	072x2
BIM120, BIM25, BIM12, BIM15	018	-	Super Major 5000, 7000, 8000	622x2	-
D130B, D135B, DIM30B, DIM35B	622	621	2000, 3000, 2600, 3600	017	019
DIM20, DIM25, DIM12, DIM15	018	-	3055	622	-
FL4	073	068	4100, 4600, 5600, 6500, 6600, 6700,	622	-
FL5, FL8, 40CA	073x2	068x2	7600, 7700, 8100, 8600, 8700,	622	-
FL6, FR8	017x2	019x2	9600, 9700	622	-
FL7	333x2	-	TW10, TW20, TW30, TW5, TW15,	622	-
FR12	622x2	621x2	TW25, TW35	622	-
Laverda (12 Volt)	622x2	621	550, 555	622	-
Laverda (24 Volt)	644x2	664x2	* Note: Use terminal adaptor		
50C, 50CA, 50CL	017x2	019x2	FORTSCHRITT (Veb Komet Fortschritt)		
70C, 70CL, 80CA	017	019	Combines		
80C, 80CL, 100C	644x2	664x2	E280, 281	629x2	629URx2
80R, 215B	073x2	068x2	E301	625x2	629URx2
180C, 180C1	622x2	621x2	E302, 512, 514, 516, 5120	629x2	629URx2
211A, 215F, 250, 312C, 352C	017x2	019x2	HANOMAG		
400, 450, 550R	017	019	K7, K8, K60, K320	621x2	629x2
540, 540V, 580, 640, 680 & 780	630	-	K10, K90E, K565	625x2	632x2
411C, 411R, 411RB, 411T, 415B,	073x2	068x2	400C	663x2	643x2

Specify alternative battery where additional equipment is installed



Make and model NUMAX Alt part No.

HANOMAG (continued)

44C	630x2	-
F45, F46, F55, F65, F75, F76, F85, F88, F131,	621x2	629x2
F141, F151, F162, F170, F190, F191, F201, F221, F222	621x2	629x2
F261, F320, H151, H161, H191, H221, H261, HS14, HS14, HA15, HS16, HA19, HS22, HS26, HS34, HS165"	621x2	629x2

JONES

Balers		
Invicta (BMC engine), Major (Ford TVO engine)	069	072
Invicta (Perkins L4 engine)	541x2	-
Lion & Panther	531x2	-
Major (Ford engine D)	531x2	-
Combines:		
Pilot (David Brown SK4 TVO engine)	069	072
Pilot (D), Combine Harvester (D)	531x2	-

LAMBORGHINI

503 & 603	017	019
1056 & 1256	623	-
Herlan 480	623	-

LANSING BAGNALL

Tractors AMS, AMO, AM12, AM13, A16, AM160, TD	069	072
AP4	531x2	-
Tractor TODR3	069	072
FODR6/2, FODR6/2.5, FOP6/2, FOPR6/2.5, ROGR6/2, FOGR6/2.5	663	643
FODR6/3.0, FOPR6/3.0, FOGR6/3.0	647	655
FODR6/4, FOPR6/4, FOGR6/4	647	655

LAVERDA

M90, M100	096	100
M120	621	629
ACF116	069	072

MASSEY FERGUSON

Combines & Tractors		
D600C	643	663
D700C	637	612
FE21L	647	655
FE35, 135 (Petrol)	069	072
FE35	647	655
FE65	643	663
FE135, 165, 175	647	655
TA, TEF (Perkins)	069	072
TE Series	069	072
MF11, MF16, MF20, MF24, MF27, MF29, MF30, MF31, MF35, MF40, MF50	643	663
MF50B, MF50D	647	655
MF55, MF55C, MF66C	637	612
MF94C, MF133, MF134C	647	655

Make and model NUMAX Alt part No.

MASSEY FERGUSON (continued)

MF65, MF70, MF130, MF135, MF148, MF152	643	663
MF154C	643	663
MF155, MF158, MF165, MF168	647	655
MF174C, MF177, MF254C, MF274C	643	663
MF175, MF178, MF185, MF186, MF187, MF203	643	663
MF188, MF200, MF205, MF230, MF252	643	663
MF234C	643	663
MF240, MF250, MF265, MF290, MF307	647	655
MF300, MF410, MF410/8	643	663
MF350, MF355, MF360	069	072
MF362, MF365, MF375, MF390	647	655
MF375E, MF390E	069	072
MF418, MF487, MF500, MF500-7, MF506	663	643
MF503, MF530	647	655
MF507, MF510/7, MF515/7, MF520, MF525	663	643
MF550, MF565, MF575, MF590	663	643
MF595	622	621
MF600,	663	643
MF620, MF625, MF630, MF670	663	643
MF647, MF655, MF665	647	655
MF675, MF690, MF698 Until 1984	647	655
MF675, MF690 1985 On	069x2	072x2
MF698T, MF699	069x2	072x2
MF700,	637	612
MF735	069	072
MF750, MF760	663	-
MF780, MF788	531x2	-
MF800, MF805, MF825, MF830,	647	655
MF835, MF845	647	655
MF850/5, MF860/5	069x2	072x2
MF1010	015	-
MF1020, MF1030, MF1040, MF1080	663	-643
MF1100, MF1105, MF1135, 531x2	647	655
MF1155, MF1200	647	655
MF1250, MF1550	647	655
MF1505, MF2135, MF2203, MF2205,	663	-
MF2620	663	-
MF2650, MF2680, MF2720	663	-
MF2645, MF2685, MF2725 (From Oct 84)	069x2	072x2
MF2645, MF2685, MF2725 (From Aug 85)	637x2	612x2
MF3303, MF3305, MF5180, MF6308	663	-
MF5751	647	655
MF3050, MF3060, MF3065, MF3070	069 x 2	072 x 2
MF3080, MF3090, MF3610,	069 x 2	072 x 2
MF3630, MF3650, MF4260, MF4270	069 x 2	072 x 2
MF4245, MF4225, MF4230, MF4255	069 x 2	072 x 2
MF8140, MF8150, MF8160, MF8170	643 x 2	663 x 2
MF8240, MF8250, MF8260,	643	663
MF8270, MF8280	643	663

MERCURY

Tractors		
14, 14ACD, 20ACD, MD20/30, 30PD & A1/ACD	069	072
	069	072

Agricultural vehicles



Make and model	NUMAX	Alt part No.
MERCURY (continued)		
AT40, AT46, AT70, AT65P, 55F,	664	-
13M, 13M2, 30M2,	664	-
40M, 40M2, 32P, 43P, 45P, 46P,	664	-
55P, 65P & 70P	664	-
MD40/60 & 70	647	655
MD100/120, 130 & 150	531x2	-
MD250/400 (Perkins V8 engine),	664x4	-
200, 300	664x4	-
T3, 20 & 30 (Ford 122E engine)	072	069
20 & 30 (Perkins 4.108 engine)	069	072
RENAULT TRACTORS		
R551, 651, 652, 654, 656, 681,	017	019
751, 752, 781, 851 & 951	017	019
R891, 951, 981, 1151, 1181,	531x2	-
1451,3046, 3050, 7012	531x2	-
SAME		
Tractors		
1056P, 1056PT	647	655
Antares 100, 110, 130	017	019
Ariete	664x2	-
Aster 60, 70, Aurora 45	096	100
Atlanta	531x2	-
Atlanta Vigneto	017	019
Centauro 60	531x2	-
Centauro 70, Centurian	623	-
Dinosauro	623x2	-
Drago, Frutteto	623	-
Explorer 55, 60, 65, 70, 80, 90	017	019
Italia	531x2	-
Jaguar 95	623	-
Leone	531x2	-
Leopard 88, 85E, 85DL, 90	623	-
Panther 88,90	623	-
Puledro, Puledro 35, Same 250	531x2	-
Same 360, 360C, 480	531x2	-
Samecar Agricolo	531x2	-
Sametto 120, Sametto V	531x2	-
Sametto Vigneto	017	019
Taurus 60, Tiger 100, Tiger 105	623	-
SCHLUTER		
550, 750, 1050, Super 550	027	075
850, 950 Unitl 1973	096	100
850, 950 1973 On	027	075
Super 350, 450, 650, 750, 850, 900,	096	100
950, 1050,	096	100
Super 1150, 1250, 1300, 1500, 1600,	096	100
1800, 1900	096	100
Super 2000, 2500, 3000	630	-
SCHMIDT		
SKS 150	017	019
SK310	096	100
VF311, HF2	637x2	612x2

Make and model	NUMAX	Alt part No.
SPERRY NEW HOLLAND		
TR70	643x2	663x2
818	027x2	075x2
903, 907	027	075
1049	644	664
1520, 1530, 1545, 8050, 8060	531x2	-
1540, 1550, 8030, 8040, 8070, 8080	067x2	096x2
1880, 1890, 1895	027x2	075x2
Many latest Models	019	017
UMO BELARUS		
Tractors		
500 (24v start)	017x2	019x2
800 (24v start)	017x2	019x2
1000 (24v start)	017x2	019x2
1507 (electric start)	622x2	621x2
UNIVERSAL		
Tractors 455, 550, 651	623	-
Tractors C335, 335, 385	541x2	-
Tractors & Crawler FM445	647	655
VOLVO BM		
4200, 4400, 4500	647x2	655x2
4300	663x2	-
2005, 2105	069x2	072x2
Volvo Combine		
L4854 Allrad	633	-
L4950, L4951	622x2	621x2
ZETOR		
5A, 25, T26, 500 & 550	624	-
220, 330, 350	643	663
2511, 3511, 3545, 4511, 4712, 4718,	643	663
4911	643	663
5011, 5211, 5245, 5511, 5545, 5711,	643	663
5718	643	663
5745, 5748, 5911, 6011, 6045	643	663
6211	622	621
6711, 6718	643	663
6745, 6748, 6911, 6945, 7011, 7045,	643	663
8011, 8045, 8111, 8145, 10011, 10045,	643	663
10145, 12011, 12045, 12145,	643	663
16045, 16145	643	663
7745	622	621
8045, 8111, 8145, 10111, 10145,	017x2	019x2
10011, 10045	096	100
12111, 12145, 106045, 16145,	017x2	019x2
14011, 14245	622	621