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Service & Repair

□ Turntable Parts

□ Replacement Stylus

STANFIELD STYLUS LISTING - TOP 100

A comprehensive range of over 1000 Styli of which most are still available. Please order (or download) a copy of the Stanfield Catalogue MAN-STY. Available in hard copy with over 100 pages. This is a listing of virtually every record player needle ever released in Australia! We stock the most popular here but Stanfield have many more available can be ordered in with short delay.

Code
MANSTY



	Stylus Cartridge	Type	Tip	Tracking Force	Code
	Audio Technica AT105	Dual Magnet	Conical	2.0g	D1173
	Audio Technica AT3400, Akai, Sharp, Sony,...	Dual Magnet	Conical	3.5g	D1090
	Audio Technica AT55 Sansui, Yamaha, Toshiba,...	Dual Magnet	Conical	2.5g	D508
	Audio Technica AT90, Pioneer, Sony, Yamaha	Dual Magnet	Conical	2.0g	D1155
	Audio Technica AT90, Pioneer, Sony, Yamaha...	Dual Magnet	Round	3.0 - 4g	D1155G
	Audio Technica AT93, AT95E	Dual Magnet	Conical	2.5g	D1071
	Audio Technica AT95E, AT3451E, AT3492EP	Dual Magnet	Elliptical	1.5g	D1071E
	Audio Technica ATN3472P, Dual, JVC, Technics, Pioneer,...	Dual Magnet	Conical	1.3g	D1177
	Audio Technica ATN3711, Luxman, Marantz, Technics.	Dual Magnet	Conical	2.0g	D1070
	Audio Technica ATN70, Akai, Kenwood, Marantz	Dual Magnet	Conical	2.2g	D1181
	Audio Technica ATS10	Dual Magnet	Conical	2.5g	D197
	BSR 5M, 78RPM BSR ST12, ST14, HMV, PYE, Rambler.	Ceramic	Conical 33 & 78	5.0g	D442/78

	Stylus Cartridge	Type	Tip	Tracking Force	Code
	BSR 5M, HMV PC22, PC23, PC27	Ceramic	Conical	5.0g	D442
	BSR Monarch, HMV HV2D, HM9	Ceramic	Conical		D35
	BSR PYE Tetrat T2M/D Morse TS40 TS7150	Ceramic	Conical		D1132
	BSR SC5M, X3M, X5H	Ceramic	Conical	7.0g	D404
	BSR SC7M, SC8M, SC10M, SC12M	Ceramic	Conical	4.5g	D475
	BSR SC7M, 78RPM	Ceramic	Conical 33 & 78	4.5g	D475/78
	Denon JC24, JM45, JVC, Philips CZ680	Ceramic	Conical	6.0g	D1022
	Denon, Akai, CDC	Ceramic	Conical	1.5-3.0g	D1260
	Denon, Akai, CDC	Ceramic	Conical	1.5-3.0g	D1260G
	Denon, BSR, Hitachi, JVC, Technics, Onkyo	Ceramic	Conical	6.0g	D325
	Denon, Onkyo, Rotel, Sony, Yamaha, Marantz	Dual Magnet	Conical	2.0g	D608
	Denon, Sansui, Rank Arena	Moving Magnet	Conical	1.5-2.5g	D7480

For more styluses available and further cross-reference information - See our web site and/or download/order the Stanfield catalogue MAN-STY



	Stylus Cartridge	Type	Tip	Tracking Force	Code
	Denon, Sanyo, Toshiba,	Moving Magnet	Conical	1.25g	D1190
	Dual N37D	Moving Magnet	Conical	2.0g	D1258
	Dual ULM60E	Ceramic	Conical	6.0g	D6290
	Dual V15, Pickering V15	Moving Magnet	Conical	3.0g	D100SR
	Garrard GC2	Ceramic	Conical	5.5g	D18
	Garrard KS40A, 78RPM	Ceramic	Conical 33 & 78	4.0g	D444/78
	Garrard KS40A, KS41B, KS41C, Sonoton, 3509, 3549	Ceramic	Conical	4.5g	D444
	Hitachi, Mitsubishi, Onkyo, Rotel, Sharp, Toshiba,	Moving Magnet	Conical	2.0g	D1097
	HMV 19D, Kriesler C2, Astor, Tetrad.	Ceramic	Conical	4.5g	D464
	HMV HV40D, Ronette DC284, CMT102	Ceramic	Conical		D44
	HMV PC22, PC23, 78RPM	Ceramic	Conical 33 & 78	5.0g	D88/78
	HMV PC22, PC23, Hitachi XFS200	Ceramic	Conical	5.0g	D88
	JVC MD1013Z	Moving Magnet	Conical	2.5-3.5g	D505
	JVC MD1016	Moving Magnet	Conical	1.5-2.0g	D506

	Stylus Cartridge	Type	Tip	Tracking Force	Code
	JVC Z1S, Z1E, Z3E	Moving Magnet	Conical	1.5-2.0g	D6220
	Kenwood Trio KD29R, P100	Variable Magnet	Conical		D1304
	Kenwood Trio Sansui	Induced Magnet	Conical		D1179
	Kenwood Trio V66, Sansui SC60, SC80	Induced Magnet	Conical	3.0g	D1224
	Kenwood Trio V68, Sanyo MG66	Moving Magnet	Conical	1.25g	D1241
	Marantz TT100, TT120	Moving Magnet	Conical		D1253
	Marantz TT121, CEC MC3	Moving Magnet	Conical	1.5g	D1172
	Marantz TT130, TT3200	Moving Magnet	Conical	2.0-3.0g	D1184
	Marantz TT151, TT251, TT351, TT451, TT553	Moving Magnet	Conical	1.25g	D1259
	Marantz TT4, TT6120, CEC MC14, MC20	Moving Magnet	Conical	2.2g	D569
	Marantz TT483, Sanyo RP118X	Induced Magnet	Conical	1.25g	D1278
	Marantz TT493, Sony, PSJ10	Moving Magnet	Conical		D1299
	Marantz TT551, Kenwood Trio, V67	Ceramic	Stereo/2	4.5g	D474
	Marantz TT6350, Shure V15-III	Moving Magnet	Elliptical	1.1g	D541

For more styluses available and further cross-reference information - See our web site and/or download/order the Stanfield catalogue MAN-STY



Service & Repair

	Stylus Cartridge	Type	Tip	Tracking Force	Code
	Nagaoka JT451	Moving Magnet	Conical	1.25g	D1243
	Onkyo DN39, OC39	Moving Magnet	Conical	2.0g	D1069
	Ortofon FF15.0/II, Dual	Moving Magnet	Conical	2.0g	D1029E
	Ortofon M5P, M10P, Dual, DMS245, CEC M5P, M10P	Ceramic	Stereo	4.0-5.0g	D570
	Ortofon OM5, B5, P5, 5E, P5E 10E, B10, 20E, 30E	Moving Magnet	Conical	2.0g	D1229
	Ortofon OM5, B5, P5, 5E, P5E 10E, B10, 20E, 30E	Moving Magnet	Elliptical	1.5g - 2.0g	D1229E
	Ortofon VMS10E/II	Moving Magnet	Conical	2.0g	D1015
	Philips AG3306, 78RPM	Ceramic	Conical 33 & 78		D87/78
	Philips AG3306, GP200, GP300, GP306	Ceramic	Conical		D87
	Pioneer PC110/II	Moving Magnet	Conical	1.5-2.5g	D7390
	Pioneer PC12, PC110	Moving Magnet	Conical	1.7-2.5g	D528
	Pioneer PC135	Moving Magnet	Conical	2.0-3.0g	D593
	Pioneer PN14, PN15, PN20, PN10, PN11	Moving Magnet	Conical	2.5-3.5g	D190
	Pioneer PNK65, Aiwa MG38, Akai RS84	Induced Magnet	Conical	1.5g	D1178

	Stylus Cartridge	Type	Tip	Tracking Force	Code
	Pioneer PXT968, Sansui SC37, Sharp 104, 114	Induced Magnet	Conical	2.5g	D574
	Rotel 2R, Sony VX108, Sharp, Toshiba,	Moving Magnet	Conical	2.0g	D539
	Sansui SV28, Onkyo DN1005, Sharp	Induced Magnet	Round	2.5g	D564
	Sanyo MG20, MG27, Pye, Onkyo, Teac, Toshiba.	Moving Magnet	Conical	1.0-2.0g	D579
	Sanyo ST05	Moving Magnet	Conical	1.5-3.0g	D1262
	Sanyo ST45DX, Kenwood N44	Moving Magnet	Shibata	2.5g	D555
	Sanyo TPW011	Ceramic	Conical	3.0g	D163
	Sanyo, Excel, Kriesler, Realistic	Moving Magnet	Conical	1.0-2.5g	D170
	Shibata 600LAC	Induced Magnet	Conical	3.0-5.0g	D1093
	Shure M44, Dual, Garrard	Moving Magnet	Conical	0.75-1.5g	D387
	Shure M44C	Moving Magnet	Conical	3.0-5.0g	D424
	Shure M70-3, M72-3	Ceramic	Conical		D1307
	Shure M70B, M70EJ, M72EJ, M70-3, M72-3	Moving Magnet	Conical	1.5-3.0g	D6890
	Shure M70B, M70EJ, M72EJ, M70-3, M72-3	Moving Magnet	Elliptical	1.5-3.0g	D6890E

For more styluses available and further cross-reference information - See our web site and/or download/order the Stanfield catalogue MAN-STY



	Stylus Cartridge	Type	Tip	Tracking Force	Code
	Shure M75-3, Dual M75, M75-6/MKII, Garrard	Moving Magnet	Conical	0.75-1.2g	D414
	Shure M75E, Dual M75G	Moving Magnet	Elliptical	1.2g	D456E
	Shure M91, M93E, Dual DM101G	Moving Magnet	Conical	0.75-1.5g	D186
	Shure M91, M93E, Dual DM101G	Moving Magnet	Elliptical	0.75-1.5g	D186ED
	Shure M92E	Moving Magnet	Elliptical	1.3g	D1237E
	Shure M95ED, Dual M95ED	Moving Magnet	Elliptical	1.1g	D606ED
	Shure M97HE	Induced Magnet	Conical	2.0-4.0g	D565
	Shure N17C	Moving Magnet	Conical	5.0g	D1095
	Shure SC35C	Moving Magnet	Conical	4.5g	D1152
	Stanton 500-3	Variable Magnet	Conical		D1308
	Stanton 500A, 500A/II, 500-3	Moving Magnet	Conical	2.0-5.0g	D188
	Stanton 500A, 500A/II, 500-3	Moving Magnet	Elliptical	2.0-5.0g	D188E
	Stanton 500AL	Moving Magnet	Conical	3.0-7.0g	D1289AL
	Stanton D6800, D6807, D81	Moving Magnet	Conical	1.5-3.0g	D6610

	Stylus Cartridge	Type	Tip	Tracking Force	Code
	Stanton 681EE	Induced Magnet	Elliptical	0.75 - 1.5 g	D6610EE
	Stanton 681EEE	Induced Magnet	Elliptical	0.75 - 1.5 g	D6610EEE
	Technics EPC270, 290, 405, 440, 88, ...	Moving Magnet	Conical	1.5-2.0g	D616
	Technics EPC270, 290, 405, 440, 88, ...	Moving Magnet	Elliptical	1.5-2.0g	D616ED
	Technics EPC451, EPC460	Moving Magnet	Conical	3.0-4.0g	D157
	Technics EPC-P23, EPC-P24	Moving Magnet	Round	1.5-2.0g	D1163
	Technics EPC-P30, EPC-P33	Moving Magnet	Conical	1.0g	D1221
	Technics EPC-P510, Marantz, Yamaha,	Moving Magnet	Conical	1.25g	D1129
	Technics EPS41, Sanyo, Toshiba,	Ceramic	Conical	4.0g	D1153
	Toshiba C22C, HMV, PYE	Ceramic	Conical	3.0g	D594
	Toshiba N270, Akai, Luxman, Rotel	Moving Magnet	Conical	1.5g	D1036
	Toshiba N320, Mirantz	Moving Magnet	Round	1.5-2.0g	D1151
	Toshiba, N20C, CEC MC6, Philips, Sanyo, PYE	Ceramic	Conical	5.5g	D1138

**POPULAR LISTING ONLY:
MANY MORE ARE AVAILABLE
SEE THE STANFIELD CATALOGUE
FOR OTHER STYLUSES AVAILABLE**



For more styluses available and further cross-reference information - See our web site and/or download/order the Stanfield catalogue MAN-STY



□ Turntables

LP2X TURNTABLE - AUDIO TECHNICA

FULLY AUTOMATIC BELT DRIVE - STYLUS & PREAMP OUTPUTS

The AT-LP2X is a good quality fully-automatic turntable that is easy to use, performance, affordability and options to upgrade the turntable's cartridge. Includes a removable universal headshell with an AT91R cartridge (Replaceable stylus ATN91R). This popular turntable fulfills the needs of many enthusiasts wanting a convenient to use hifi system performance turntable.

Code
LP2X



LP60X TURNTABLE - AUDIO TECHNICA

FULLY AUTOMATIC BELT DRIVE - STYLUS & PREAMP OUTPUTS

Push-button fully automatic function for a trouble free experience. Inbuilt pre-amplifier allows direct connection to any modern audio amplifier line-level input. It can be switched to traditional stylus output if desired. No set-up required with the preset tone arm and Integral dual-magnet phono cartridge. Replaceable stylus ATN3600L.

Code
LP60X-BK



FULLY AUTOMATIC BELT DRIVE - STYLUS / PREAMP / USB OUTPUTS

USB output that's PnP compatible with most Mac/WIN software..

Code
LP60XUSB-GM

AUDIO TECHNICA

SEE AUDIO SECTION 03

Headphones
Microphones



AT-XP3 CARTRIDGE HEADSHELL - AUDIO TECHNICA

CONICAL CARTRIDGE AND HEADSHELL

Type	Dual Moving magnet
Tip	Conical
Tracking Force	3.0g
Code	AT-XP3H

REPLACEMENT STYLUS

Code
ATN-XP3



□ Stylus & Cartridges

AT3600L CARTRIDGE - AUDIO TECHNICA

CONICAL STYLUS

Type	Dual Moving Magnet
Tip	Conical
Tracking Force	2.5-3.5g
Code	AT3600L



Replacement Stylus D1155 / D1155G

VM95C CARTRIDGE - AUDIO TECHNICA

CONICAL ROUND STYLUS

Type	Dual Moving magnet
Tip	Conical
Tracking Force	2.0g
Code	VM95C



REPLACEMENT STYLUS

Code
VMN95C



VM95E CARTRIDGE - AUDIO TECHNICA

ELLIPTICAL STYLUS

Type	Dual Moving magnet
Tip	Elliptical
Tracking Force	2.0g
Code	VM95E



REPLACEMENT STYLUS

Code
VMN95E



VM95EN CARTRIDGE - AUDIO TECHNICA

ELLIPTICAL STYLUS

Type	Dual Moving Magnet
Tip	Elliptical
Tracking Force	2.0g
Code	VM95EN



REPLACEMENT STYLUS

Code
VMN95EN



VM95ML CARTRIDGE - AUDIO TECHNICA

MICROLINEAR STYLUS

Type	Dual Moving Magnet
Tip	Microlinear
Tracking Force	2.0g
Code	VM95ML



REPLACEMENT STYLUS

Code
VMN95ML



VM95SH CARTRIDGE - AUDIO TECHNICA

SHIBATA STYLUS

Type	Dual Moving Magnet
Tip	Shibata
Tracking Force	2.0g
Code	VM95SH



REPLACEMENT STYLUS

Code
VMN95SH





ATN91R REPLACEMENT STYLUS - AUDIO TECHNICA

CONICAL TIP

Code
ATN91R



AT95E REPLACEMENT STYLUS - AUDIO TECHNICA

ELLIPTICAL TIP

Code
ATN95E



AT81CP P-MOUNT CARTRIDGE - AUDIO TECHNICA

CONICAL TIP

P-Mount Dual Moving Magnet Cartridge. 0.6mm Conical Stylus. Genuine and made in Japan.



Type	Dual Moving magnet
Tip	Conical
Tracking Force	1.25g
Code	AT81CP



Replacement Stylus D1177, D1177E

Turntable Accessories

CARTRIDGE HEAD SHELL - AUDIO TECHNICA

4-PIN ALUMINIUM 10.0g

Genuine Audio-Technica headshell with classic ½" 4 Pin plug. Includes mounting screws and OFC Gold plated lead wires. 10.0g

Colour Code
Black HS10BK



CARTRIDGE LEAD WIRES - AUDIO TECHNICA

6N PURE COPPER

Upgrade your cartridge to headshell lead wires for a better listening experience. The AT6108 is made from 6N High Purity Copper (99.99997%) for high purity.

Code
AT6108



CARTRIDGE STORE CAPSULE - AUDIO TECHNICA

CARTRIDGE SWAPPING MADE EASY

Storage platter compatible with most cartridge headshells. Includes dome dust covers.

Code
AT6003R



Cartridge & Headshells not included

RECORD CLEANING BRUSH - AUDIO TECHNICA

WET OR DRY

Velvet brush with 60ml cleaning fluid for removing micro-particle contaminants.

Code
AT6012A



DISK STABILISER - AUDIO TECHNICA

600G BRASS WEIGHT 10CMØ

Premium 600g disk stabiliser for use on all direct-drive Audio-Technica turntables and other turntable brands.

Weight Code
600g AT618A



RECORD CLEANING FLUID - AUDIO TECHNICA

60ML FOR USE WITH AT6012A BRUSH

Audio-Technica's AT634a record cleaning fluid is designed to gently remove microdust and contaminants while improving record fidelity and tracking. For LP/EP use only.

Code
AT634A



TURNTABLE LEVELLER - AUDIO TECHNICA

CHECK PLATTERS LEVEL

The AT615a high-precision bubble level is an indispensable tool for making horizontal adjustments during turntable setup. Features a machined aluminium housing. Size: 17x37mmØ

Code
AT615A



STYLUS CLEANER - AUDIO TECHNICA

TACK BASE GEL

The AT617a cartridge stylus cleaner is a specially formulated polyurethane gel that gently removes dirt particles from the stylus tip when the stylus is lowered onto it. The gel's surface is washable and will remain tacky for years. Made in Japan.

Code
AT617A

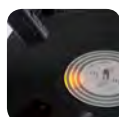


SPEED TEST & STROBE TORCH - AUDIO TECHNICA

VISUALLY CHECK CORRECT SPEED WITH WOW & FLUTTER

Stroboscope disc and light kit
Exclusive flashing light pattern to measure 78 RPM
Yellow LED light for reading of 33⅓, 45 and 78 rpm speeds

Code
AT6181DL



STYLUS CLEANING FLUID - AUDIO TECHNICA

10ml WITH TIP CLEANING APPLICATOR

Stylus cleaning fluid extends both stylus and record life. The special cleaning formula dissolves dust and dirt known to hinder proper tracking. An applicator brush is attached to the cap for ease of use.

Code
AT607A





Service & Repair

□ Cartridge

ORTOFON OM1S CARTRIDGE

SPHERICAL STYLUS

The OM 1S is a magnetic cartridge (MM) with a Spherical shaped stylus that provides balanced and distortion-free playback for general purpose applications. D1229 Stylus.

Code
ORT-OM1S

ortofon



ORTOFON OM5S CARTRIDGE

SPHERICAL STYLUS

Frequency range at - 3dB: 20-20000 Hz
1.5-2.0g tracking force range
Spherical type stylus

Code
ORT-OM5S

ortofon



ORTOFON OM5E CARTRIDGE

ELLIPTICAL STYLUS

Frequency range at - 3dB: 20-25.000 Hz
1.5-2.0g tracking force range
Elliptical type stylus

Code
ORT-OM5E

ortofon



HEADSHELL SCREW SET

A pair of screws & nuts.
Up to 6.5mm mounting.

Code
PCT202



REPLACEMENT STYLUS

Stanfield Replacement.

Tip	Code
Conical	D1229
Elliptical	D1229E



Ortofon: OM5, OM5E, P5E, OM10E, OMB-5, OMB-10, etc.
Elliptical PRO is a DJ stylus.

TURNTABLE CARTRIDGE - JAPAN

Replacement Diamond Stylus and Cartridge. Suitable for many Nippon turntable assemblies. Standard Screws inc. Made In Japan.

Stylus Tip. Diamond
Moving Magnet [MM]
Cartridge Weight 4.2g
Output 2mV
Freq. 20-20KHz
Tracking Force. 2g

Code
PC61



REPLACEMENT STYLUS

Code
ST61

SAPPHIRE VERSION

Moving-Magnet Cartridge with sapphire stylus.

Code
PC32



AT81CP P-MOUNT CARTRIDGE - AUDIO TECHNICA

CONICAL TIP

P-Mount Dual Moving Magnet Cartridge. 0.6mm Conical Stylus. Genuine and made in Japan.

Type	Dual Moving magnet
Tip	Conical
Tracking Force	1.25g
Code	AT81CP



AT81CP REPLACEMENT STYLUS

Tip	Code
Conical	D1177



CERAMIC CARTRIDGE MODERN - PHILIPS

DIAMOND STYLUS JAPAN

Genuine Japanese made Phillips ceramic cartridge supplied with a Diamond stylus. Widely used Snap-fit type base with removable coupling.

Code
PC30



SAPPHIRE STYLUS CHINA

Chinese made cartridge with Sapphire stylus.

Code
PC31



DIAMOND STYLUS ONLY

Code
D1262



CERAMIC CARTRIDGE BSR

WITH MOUNTING ADAPTOR

Ceramic pickup w/ diamond BSR SR78, ST16, 17, etc.
Single screw hold type

Code
PC05



REPLACEMENT STYLUS

Code
D475



CERAMIC CARTRIDGE GARRARD

Replacement cartridge with stylus for Garrard KS40A, KS41B & many more.

Code
PC06



REPLACEMENT STYLUS

Code
D444



CERAMIC CARTRIDGE SONOTONE 9T

INCLUDES STEREO NEEDLE FOR LP 33/45 RPM

Sonotone 9T ceramic cartridge with LP stylus.
300mV, 4-6g tracking.

Code
S9T



REPLACEMENT STYLUS

Description	Code
D332SR2 two 33/45rpm tips	D332/2
D332SR78 33/45 Flip 78rpm	D332/78



CERAMIC CARTRIDGE PHONOGRAPH

SCREW BASE

Code
PC23



ELEVATED BASE

Code
PC24



MONO - TWO PINS ONLY

Code
PC01



REPLACEMENT STYLUS

Code
D325





Accessories

CARTRIDGE HEAD SHELL

Light weight Aluminium Four Pin Bayonet arm attachment which is standard on most tone arms. eg. Thorens®, Technics 1200, etc. Accepts any standard cartridge. eg. OMB5, PC61, V15, etc. Includes four connection Leads. Tin Connectors. 7.5g

Colour	Code
Black	HS09BK
Silver	HS10SV



CARTRIDGE HEAD SHELL

GOLD PLATED CONNECTORS

Light weight Aluminium Four Pin Bayonet arm attachment which is standard on most tone arms. eg. Thorens®, Technics 1200, etc. Accepts any standard cartridge. eg. OMB5, PC61, V15, etc. Includes four connection Leads. Gold contacts. 9.5g

Colour	Code
Black	HSE3BK
Silver	HSE3SV



BULLS EYE SURFACE LEVEL

ORTOFON SPIRIT LEVEL

Deluxe Turntable Type Base diameter is 40mm. As used on plinths, etc.

Code
PCT230



SCREW BASE

45mm base w/ screw holes.

Code
HT6451



ALIGNMENT PROTRACTOR

Adjust your stylus angle and position for minimum tracking error across the whole record. Vital piece of equipment for proper setup of your turntable. You will notice it in the improved stereo imaging.

Code
PCT210



CARTRIDGE ALIGNMENT PROTRACTOR

This easy to use cartridge alignment protractor helps you to properly set your cartridge offset and overhang. Optimised for playing the standard 12" LP record. Mirror type.

Code
CA-001



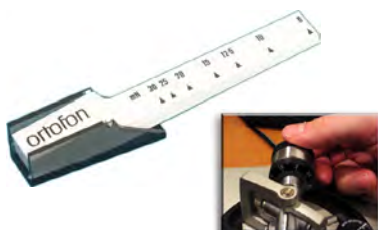
STYLUS GAUGE

OEM ORTOFON

Adjusts stylus weight precisely and easily.

Dial is In Newtons. [10x mN to the gram] ie. 1g = 10mN

Code
PCT220



CARTRIDGE WIRES X4

PRE-MADE HEADSHELL LEADS
Four colour coded wires with tinned and gold plated spade connectors.

Type	Length	Code
Tin Plated	25mm	AS-02
Gold Plated	30mm	AS-02G



HEADSHELL SCREWS SET UNIVERSAL

MOUNTING BITS

3 pair of stainless steel screws with nuts & nylon washers. Up to 15mm mounting.

Code
AS-01



HEADSHELL SCREW SET

SCREW PAIR

A pair of screws & nuts. Up to 6.5mm mounting.

Code
PCT202



WEIGHT / SPACER

Add 2.25g / 2.5mm to modify stylus mounting.

Code
PCT225



RECORD PLAYER CLAMP

TURNTABLE STABILISER / LEVEL GAUGE / STROBOSCOPE

Placed on a turntable's centre spindle to clamp down and stabilise the record while playing.

Code
RC120



MECHANICALS GREASE

REPAIRERS & RESTORERS

Rebuilding an older turntable mechanism requires optimum lubricants & Grease. Get decades of service using only the best.

PLASTICS GREASE

Plastic to Plastic or Metal.

Size	Code
35ml	SPG35SL



MOLYKOTE DX PASTE

White grease for Surfaces & Bearings.

Size	Code
50g	MK6195



BR-2 PLUS GREASE MoS2

Metal bearings, etc.

Size	Code
100g	LM47



RUBBER ROLLER RESTORER

Restore texture and prolong the life of synthetic rubber. Electrolube. Aerosols are transported by road.

Size	Code
250ml/195g	RRR250



MORE SERVICE TOOLS AVAILABLE:
TOOLS & TEST EQUIPMENT SECTION



Service & Repair

ANTISTATIC RECORD CLEANING

STATIC SPRAY CLEANER

Efficiently removes dust, dirt and static build up. Non abrasive for gentle and effective vinyl cleaning.

Size	Code
200ml	RC2

*Fluid is flammable, Must be transported by road.



RECORD WASH - ANTISTATIC

250ml FLUID PLUS CLOTH FOR VINYL RECORDS

Efficiently removes dust, dirt and static build up. Non abrasive for gentle and effective vinyl cleaning. Most effective cleaning method for the badly soiled records.

Size	Code
250ml	RC1

*Fluid is flammable,
Must be transported by road.



RECORD CLEANING CLOTH

ANTI-STATIC CLOTH

High quality special material anti static cleaning cloth. Improves sound quality and protect your records.

Size	Code
210x280mm	DC-103



LP & CD CLEANING KIT

RECORD & CD MAINTENANCE IN A CONVENIENT HANDY-PACK

Give a new life to your music records & CD's. Super cleaning kit. Anti-static Record Cleaning Cloth with 20ml Cleaning Fluid. Carbon Fibre Anti-static Record Brush. Stylus Cleaner with 20ml Cleaning Fluid. CD Cleaner with 20ml Cleaning Fluid.

Code
MHFC-2

*Fluid is flammable,
Must be transported
by road.



LP RECORD CLEANING KIT

VINYL COLLECTION MAINTENANCE IN A BOX

Carbon Fibre Anti-static Record cleaning Brush. Anti-static Record Cleaning Fluid 20ml. Anti-static Record Cleaning Cloth. Stylus Cleaner Fluid 20ml.

Code
MHFC-9

*Fluid is flammable,
Must be transported
by road.



TURNTABLE MAT - CORK PLATTER

Made from real cork, this mat has a diameter of 295mm and is 3mm thick. Suitable for all turntables with a 12 inch platter. There is a record label recess in the centre of the mat to allow your record to sit perfectly flat. Diameter: 295mm Thickness: 3mm

Code
DM207



TURNTABLE MAT - FELT PLATTER

Non-static platter mat is made with felt to effectively suppress the typical resonance generated in vinyl records during playback as well as to provide a silent foundation. Size: 3.5 x 300mmØ.

Code
DM1883



STROBOSCOPIC DISC & STYLUS ALIGNER

This Acryl Stroboscopic Disc is an easy to use tool to check your turntable speed. Six speed support includes 33 1/3, 45 and 78 RPM with 50 Hz and 60 Hz markings.

Code
RC-110



SLEEVES FOR VINYL RECORDS

HDPE FILM PROTECTIVE JACKETS

Standard LP record storage sleeves. Protect record from aging effects of dust, moisture and scratches. 100 Pieces each.



OUTER JACKET ALBUM COVER CLEAR SLEEVE

Order one to receive a pack of 100 pieces. LP Size 320x325mm.

Size	Pack of	Code
320x325mm	100	LPS-005



INNER SLEEVES SQUARE 50 / 65 Micron HDPE Film

Order one to receive a pack of 100 pieces. LP Size 305x310mm.

Size	Pack of	Code
305x310mm	100	LPS-003



INNER SLEEVES ROUND 40 micron HDPE Film

Order one to receive a pack of 100 pieces. LP Size 305x305mm with a round bottom.

Size	Pack of	Code
305x305mm	100	LPS-002





DJ MIXER - DUAL PHONO/LINE-IN/MIC

3-INPUT MAINS POWERED STEREO DJ MIXER

Designed for DJ use, this stereo mixer is suitable for connecting and mixing three audio sources. It has a DJ mic input, phono input and a line CD input. And it has a master output and headphone output. Ideal for karaoke applications, sound amateurs and mixing of video sound tracks. Includes AC power supply.

Microphone: 1.5mV/10k Ohm

Phono: 3mV/47K Ohm

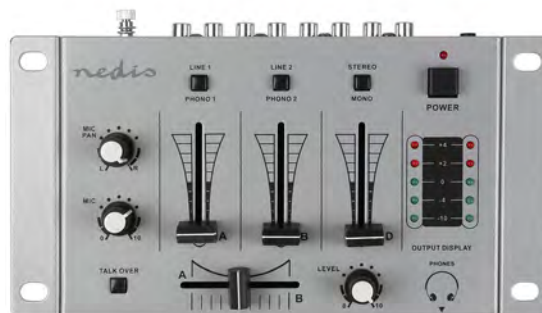
Line In: 150mV/22K Ohm

20-20kHz +2dB THD: 0.02%

S/N Rate: Better than 80dB

194(W) x 34(H) x 122(D)mm

Power: 12Vdc Powerpack inc.



Code

MIXD050GY

PHONO MM RIAA PREAMPLIFIER

WITH AUXILIARY SWITCH AND VOLUME CONTROL

Used to drive the turntable directly into a mixer, home theatre amplifier or a computer sound card. Precise RIAA balance and 80dB S/N ratio. Switch auxiliary input, eliminating the need to connect and disconnect the source signal as well as the sharing connection of the product. Metal box 145x95x32mm. Includes 12V Powerpack.



Code

PA006

PHONO PREAMP & LINE-LEVEL TO USB

OUTPUTS TO STEREO AUDIO & USB DIGITAL FOR RECORDING

Any kind of audio grabbing program can be used to record audio from your turntable or any Audio-in and convert to any kind of audio format.



Code

UPA100

PHONO PREAMPLIFIER - BATTERY POWERED

9V BATTERY FOR ULTRA-LOW-NOISE

Battery operated (for minimal noise) phono turntable RIAA preamplifier for moving magnet (MM) cartridges. RCA input and output. Metal box 86x28x70mm

Code

PA005



STYLUS NEEDLE CLEANER

BRUSH N' LIQUID

Anti-static cleaning solution with a bottle brush in the lid. Professional grade. Remove grit & grime from the stylus needle.

Size

Code

20ml

SC1



*Fluid is flammable, Must be transported by road.

CARBON FIBRE RECORD CLEANER

ANTI-STATIC MICRO-FIBRE BRUSH

A gentle brush with the microniser prior to record playing enables a million tiny filaments to discharge the harmful deposit from the grooves and bring a new dimension to record care.

Code

DC05P



GOAT HAIR RECORD BRUSH

REMOVE DUST FROM RECORDS

This brush includes three rows of very dense all natural goat hair to safely remove dust and dirt from your record. The hair is very soft, yet firm enough to wipe the dust off of your record. Attractive wood handle gives it a nice look. Size: 100x47x15mm

Code

DC-600



VINYL RECORD ROLLER CLEANER

REMOVE DUST FROM GROOVES

This vinyl record roller cleaner is made with thermoplastic rubber, which the slightly sticky surface enables it to pick up dust and dirt off a vinyl record. Being soft means it fits into the grooves to lift out debris lying there. After use, the rolling cleaner can be cleaned under a tap with water and a little soap, once dry it will be as sticky as new. No cleaning chemicals are required.

Code

DC-500





Service & Repair

□ Audio Parts General

□ Media Cleaning

CD & DVD DISC REPAIR MACHINE

MOTORISED CLEANING & POLISHING

A simple and easy to follow procedure repairs and polishes your CDs, DVDs, Blu-ray, CD-ROMs and CD-RWs. Two liquids and three grades of polishing disks enable various levels of scratch and/or dirt and grime removal, now with motorised convenience.

Remove most surface scratches on 12cm discs to repair functionality
Cleans smudges, fingerprints, oil and dirt from Blu-Ray, DVD, and CD discs
Easy, One-touch motorised operation
No need to touch cleaning chemicals!
Integrated Storage Drawer to keep your pads and solutions organised
Includes power pack
Refill kit available (PC-7189R)



Code
PC-7189

REFILL KIT FOR PC-7189

Code
PC-7189R



CD & DVDs Not Included



CD & DVD LENS CLEANER - LENSCLENE

CD & DVD & BLU-RAY PLAYERS

An optical lens-cleaning disk which is fitted with two micro-brushes for safe and effective dust removal.



Code
ABDC000 **DISCONTINUED**

CD/DVD LENS CLEANER

Features six super soft and fine brushes to ensure thorough cleaning without any harm to the CD or DVD lens. Designed to remove dust or dirt that may cause skipping or reading problems.

Code
PC-7111D



HEAD CLEANER VHS

Non-Abrasive polyester to clean the entire tape path. Includes cleaning solution. Note this tape does not have a leader tape and may not function as expected in some machines.

Code
HL-201

EXTRA CLEANING SOLUTION

Code
CS500



□ Media Blank

CD-RW PHILIPS

Rewritable CD.
700Mb Record Capacity 4x-12x Write Speed

Pack of Code
One CDRW103



AUDIO TAPE 90 MIN - MAXELL

Blank cassette. Brand may change depending on stock.

Time Code
90 min MAX90H



MINI-DV BLANK CASSETTE - SD PANASONIC

FOR PROFESSIONAL USE

Time Code
83minLP 55minSP DVM83PQ



8MM BLANK CASSETTE - SONY

GENUINE SONY HMP Hi8 METAL FORMULA

Time Code
85 min V8085 **DISCONTINUED**



VHS BLANK VIDEO CASSETTES

STOCK MAY CHANGE DEPENDING ON AVAILABILITY

Excellent quality recording and playback with reliable archiving longevity.

Time Code
180min VHS180



DVR & OTHER BLANK DIGITAL MEDIA

See
Data & Computer Section 04





Media Storage Cases

CASSETTE ADAPTOR VHS-C

Adapts the compact camcorder cassette to the normal size. VHS-C Cassettes ONLY!
S-VHS Compatible [NOT 8mm/Hi-8]
REQUIRES "AA" BATTERY

Code
EL303E

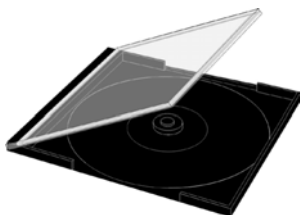


CD JEWEL CASE

COMMON JEWEL CASE

Colour	Code
Black	JWL1B
Clear	JWL1C

BUY IN BULK AND SAVE!
PLEASE ENQUIRE



POLYCARBONATE CASE

Special type opaque non-breakable CD case Suit transporting in Backpacks or post Standard CD sized Never break again!

Code
MK31C



SLIM JEWEL CASE

SINGLE HALF-HEIGHT

Hard plastic CD Cover Half standard thickness Clear door

Colour	Code
Clear	JWLS1C
Black	JWLS1B



CD/DVDs Not Included.

DOUBLE JEWEL CASE

DOUBLE REPLACEMENT

Holds Two CDs & Book
Hard plastic CD Cover
Music CD Replacement

Colour	Code
Clear	JWL2C
Black	JWL2B



SLIM CLAM-SHELL CD/DVD CASE

COMPACT SLIM SIZE

Code
CDS1CS



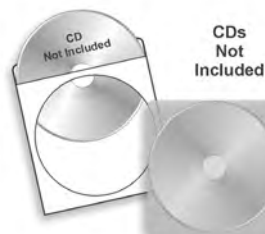
CD SLEEVES

PAPER ENVELOPE

QTY	Code
100	CDS-PP100

PVC SLEEVE

QTY	Code
100	CDS100



CD PLAYER CARRY CASE

Polyurethane Leather. Tough outer padding. Two zipped compartments. One for 12 CDs and their in-lays, the other the CD player with cable access. Shoulder strap, carry handle, belt clip or bum bag.

Code
CDP12B



CD Player & CDs Not Included

CD HARD COVER STORAGE

FIRM PLASTIC ZIP-CASE

Excellent hard-cover case ideal for the car, etc.

Code
CDH24GG



STORAGE WALLET 240

CD & DVD ALBUM

Sleeve Carry case
300x300x100mm Black
Tough no-tear padded material with zippers

Code
CDW240



Adaptors and Converters

CASSETTE ADAPTOR

3.5MM AUTO TO CASSETTE

Allows an older cassette car stereo to accept an input from a portable unit like iPod®, MP3, etc. Transmits stereo through the cassette deck.

Single Head

One side / direction

Code
HN-1205

Twin Head

Auto reverse

Code
HN-1206



Products Not Included



□ Telescopic Antenna

TELESCOPIC ANTENNA

All dimensions are measured in millimetres.

EXT: Length extended.
SECT: Number of sections.

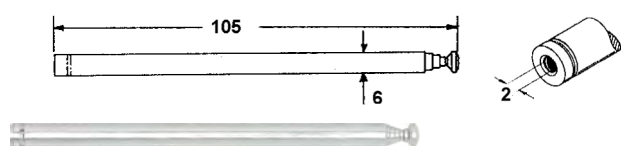
Remember: Although the base may differ from yours, the antenna may be interchangeable.(or Vice-Versa)



TELESCOPIC ANTENNA 105mm

EXT: 475mm
SECT: 6

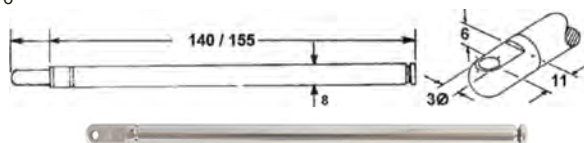
Code
ANT114



TELESCOPIC ANTENNA 140mm

EXT: 725mm
SECT: 6

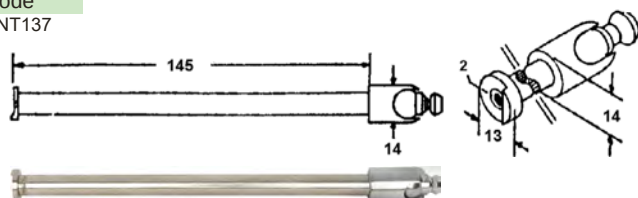
Code
ANT116



TELESCOPIC ANTENNA 145mm

EXT: 920mm
SECT: 7

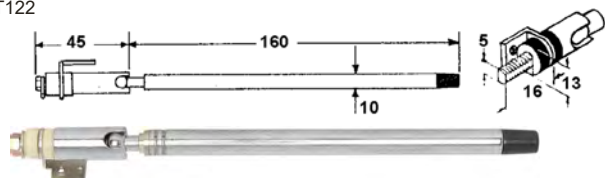
Code
ANT137



TELESCOPIC ANTENNA 160mm

EXT: 1225mm
SECT: 10

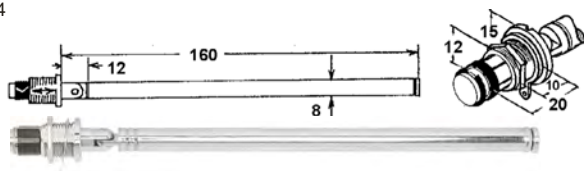
Code
ANT122



TELESCOPIC ANTENNA 160mm

EXT: 950mm
SECT: 8

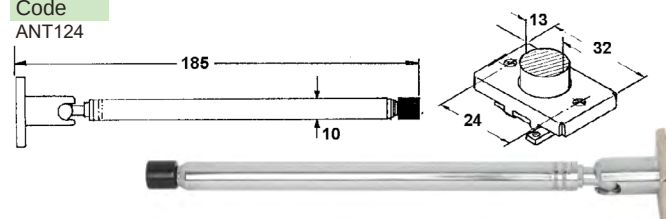
Code
ANT104



TELESCOPIC ANTENNA 185mm

EXT: 1100mm
SECT: 10

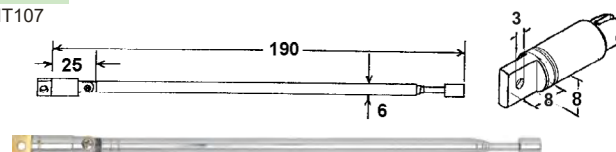
Code
ANT124



TELESCOPIC ANTENNA 190mm

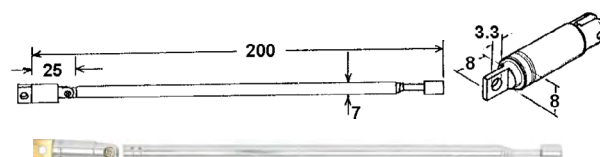
EXT: 750mm
SECT: 6

Code
ANT107



TELESCOPIC ANTENNA 200mm

Code
ANT126



TELESCOPIC ANTENNA 205mm

EXT: 1000mm
SECT: 7

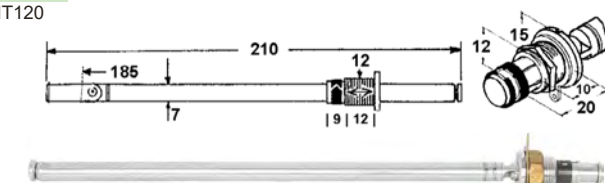
Code
ANT105



TELESCOPIC ANTENNA 210mm

EXT: 925mm
SECT: 7

Code
ANT120

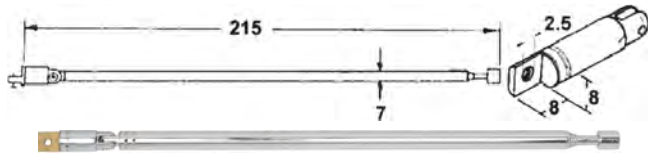




TELESCOPIC ANTENNA 215mm

EXT: 800mm
SECT: 5

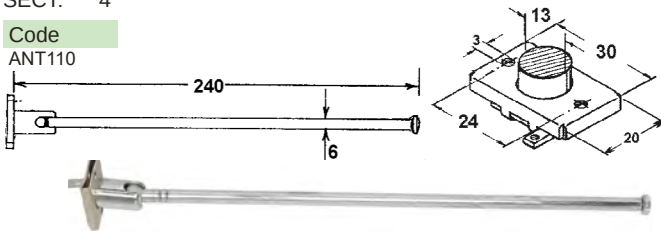
Code
ANT132



TELESCOPIC ANTENNA 240mm

EXT: 750mm
SECT: 4

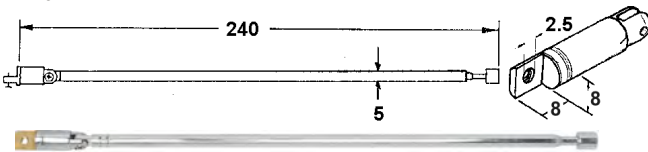
Code
ANT110



TELESCOPIC ANTENNA 240mm

EXT: 575mm
SECT: 3

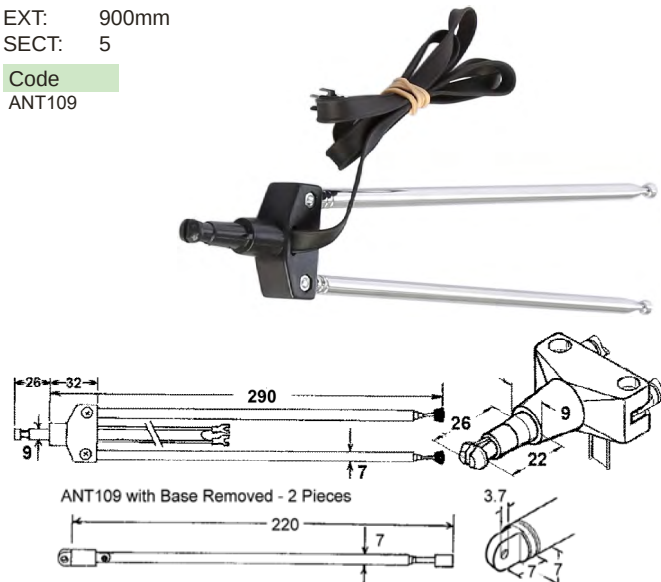
Code
ANT131



TELESCOPIC ANTENNA 290mm [x2]

EXT: 900mm
SECT: 5

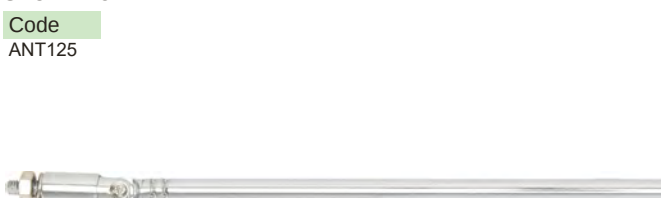
Code
ANT109



TELESCOPIC ANTENNA 340mm

EXT: 960mm
SECT: 3

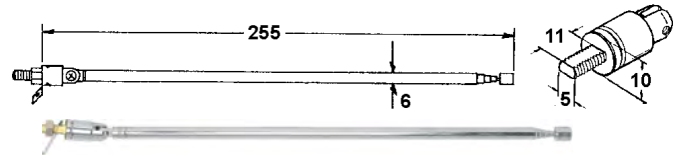
Code
ANT125



TELESCOPIC ANTENNA 255mm

EXT: 1000mm
SECT: 5

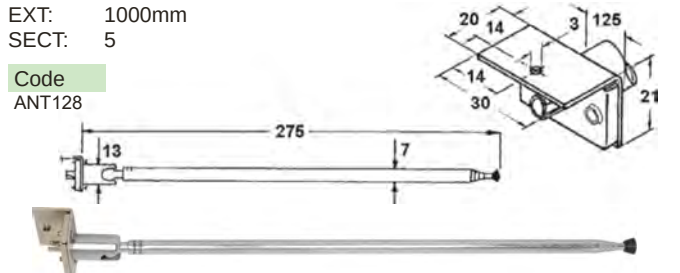
Code
ANT130



TELESCOPIC ANTENNA 275mm

EXT: 1000mm
SECT: 5

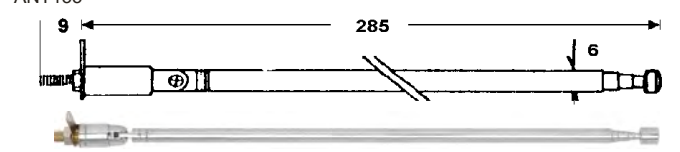
Code
ANT128



TELESCOPIC ANTENNA 285mm

EXT: 1000mm
SECT: 5

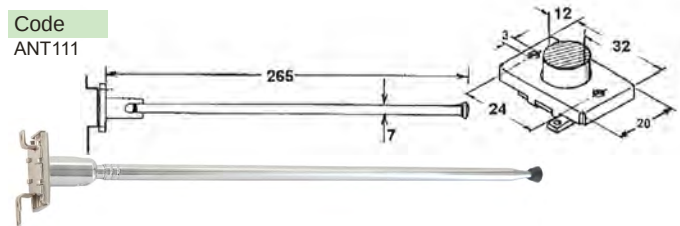
Code
ANT135



TELESCOPIC ANTENNA 265mm

Extension: 1050mm
Sections: 5

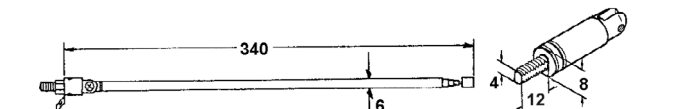
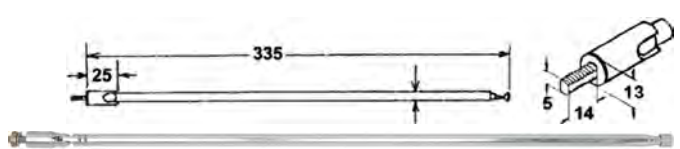
Code
ANT111



TELESCOPIC ANTENNA 335mm

EXT: 1150mm
SECT: 4

Code
ANT103





Service & Repair

Belts

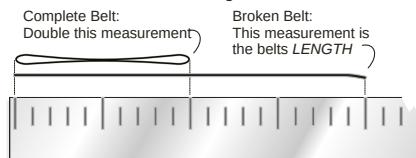
BELT SIZES

**CODE =
DIAMETER**



HOW TO MEASURE

If the belt is broken, measure its LENGTH in mm.
If the belt is unbroken, then squish the belt flat, measure and double this to get LENGTH.



Remember to allow for the old belt to have been stretched.

SQUARE SECTION 0.8mm²

Diam.	Length	Code
10 mm	31 mm	10X.8
12 mm	38 mm	12X.8
13 mm	41 mm	13X.8
15 mm	47 mm	15X.8
17 mm	54 mm	17X.8
19 mm	60 mm	19X.8
22 mm	69 mm	22X.8
25 mm	79 mm	25X.8
27 mm	84 mm	27X.8
31 mm	97 mm	31X.8
33 mm	103 mm	33X.8
35 mm	110 mm	35X.8
37 mm	116 mm	37X.8
40 mm	125 mm	40X.8
43 mm	135 mm	43X.8
46 mm	144 mm	46X.8
49 mm	154 mm	49X.8
51 mm	160 mm	51X.8
54 mm	169 mm	54X.8
57 mm	179 mm	57X.8
60 mm	188 mm	60X.8
63 mm	198 mm	63X.8
66 mm	207 mm	66X.8
69 mm	216 mm	69X.8
72 mm	226 mm	72X.8
75 mm	235 mm	75X.8

SQUARE SECTION 1.0mm²

Diam.	Length	Code
10 mm	31 mm	10X1
12 mm	38 mm	12X1
13 mm	41 mm	13X1
15 mm	47 mm	15X1
17 mm	54 mm	17X1
19 mm	60 mm	19X1
22 mm	69 mm	22X1
25 mm	79 mm	25X1
27 mm	84 mm	27X1
31 mm	97 mm	31X1
33 mm	103 mm	33X1
35 mm	110 mm	35X1
37 mm	116 mm	37X1
40 mm	125 mm	40X1
43 mm	135 mm	43X1
46 mm	144 mm	46X1
49 mm	154 mm	49X1
51 mm	160 mm	51X1
54 mm	169 mm	54X1
57 mm	179 mm	57X1
60 mm	188 mm	60X1
63 mm	198 mm	63X1
66 mm	207 mm	66X1
69 mm	216 mm	69X1
72 mm	226 mm	72X1
75 mm	235 mm	75X1
122 mm	380 mm	122X1

SQUARE SECTION 1.2mm²

Diam.	Length	Code
10 mm	31 mm	10X1.2
12 mm	38 mm	12X1.2
13 mm	41 mm	13X1.2
15 mm	47 mm	15X1.2
17 mm	54 mm	17X1.2
19 mm	60 mm	19X1.2
22 mm	69 mm	22X1.2
25 mm	79 mm	25X1.2
26.5 mm	*Clarion	26.5X1.2
27 mm	84 mm	27X1.2
31 mm	97 mm	31X1.2
33 mm	103 mm	33X1.2
34 mm	107 mm	34X1.2
35 mm	110 mm	35X1.2
37 mm	116 mm	37X1.2
40 mm	125 mm	40X1.2
43 mm	135 mm	43X1.2
46 mm	144 mm	46X1.2
49 mm	154 mm	49X1.2
51 mm	160 mm	51X1.2
54 mm	169 mm	54X1.2
57 mm	179 mm	57X1.2
60 mm	188 mm	60X1.2
63 mm	198 mm	63X1.2
66 mm	207 mm	66X1.2
69 mm	216 mm	69X1.2
72 mm	226 mm	72X1.2
73 mm	229 mm	73X1.2
75 mm	235 mm	75X1.2
80 mm	251 mm	80X1.2
85 mm	267 mm	85X1.2
90 mm	282 mm	90X1.2
95 mm	298 mm	95X1.2
97 mm	305 mm	97X1.2
100 mm	314 mm	100X1.2
105 mm	330 mm	105X1.2
110 mm	346 mm	110X1.2
115 mm	361 mm	115X1.2
116 mm	**Philips	116X1.25
121 mm	380 mm	121X1.2
127 mm	399 mm	127X1.2
131 mm	412 mm	131X1.2
136 mm	427 mm	136X1.2

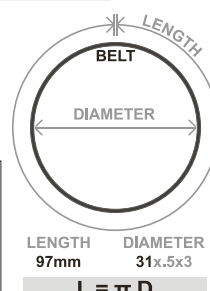
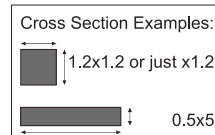
SQUARE SECTION 1.4mm²

Diam.	Length	Code
10 mm	31 mm	10X1.4
12 mm	38 mm	12X1.4
13 mm	41 mm	13X1.4
15 mm	47 mm	15X1.4
17 mm	54 mm	17X1.4
19 mm	60 mm	19X1.4
22 mm	69 mm	22X1.4
25 mm	79 mm	25X1.4
27 mm	84 mm	27X1.4
30 mm	94 mm	30X1.45
31 mm	97 mm	31X1.4
33 mm	103 mm	33X1.4
35 mm	110 mm	35X1.4
37 mm	116 mm	37X1.4
37.3 mm	***Sony	37.3X1.6
40 mm	125 mm	40X1.4
43 mm	135 mm	43X1.4
46 mm	144 mm	46X1.4
49 mm	154 mm	49X1.4
51 mm	160 mm	51X1.4
51 mm	160 mm	51X1.6
54 mm	169 mm	54X1.4
57 mm	179 mm	57X1.4
60 mm	188 mm	60X1.4
63 mm	198 mm	63X1.4
66 mm	207 mm	66X1.4
69 mm	216 mm	69X1.4

SQUARE SECTION 2.0mm²

Diam.	Length	Code
10 mm	31 mm	10X2
12 mm	38 mm	12X2
13 mm	41 mm	13X2
14 mm	44 mm	14X2
16 mm	51 mm	16X2
18 mm	57 mm	18X2
19 mm	60 mm	19X2
22 mm	69 mm	22X2
25 mm	79 mm	25X2
27 mm	84 mm	27X2
31 mm	97 mm	31X2
33 mm	103 mm	33X2
35 mm	110 mm	35X2
37 mm	116 mm	37X2
39 mm	120 mm	39X2
40 mm	125 mm	40X2
43 mm	135 mm	43X2
46 mm	144 mm	46X2
49 mm	154 mm	49X2
51 mm	160 mm	51X2
54 mm	169 mm	54X2
57 mm	179 mm	57X2
60 mm	188 mm	60X2
62.5 mm	195 mm	62.5X2
63 mm	198 mm	63X2
66 mm	207 mm	66X2
69 mm	216 mm	69X2
72 mm	226 mm	72X2
75 mm	235 mm	75X2
80 mm	251 mm	80X2
82 mm	258 mm	82X2
85 mm	267 mm	85X2
92 mm	289mm	92X2
93 mm	292 mm	93X2
95 mm	298 mm	95X2
90 mm	282 mm	90X2
97 mm	305 mm	97X2
100 mm	314 mm	100X2
105 mm	330 mm	105X2
110 mm	346 mm	110X2
115 mm	361 mm	115X2
121 mm	380 mm	121X2
127 mm	399 mm	127X2

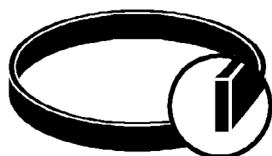
Note: When determining a replacement belts size, remember to allow for the possibility that the old belt has been stretched a little over time.



*** CD loading belt Suit Sony, etc.



FLAT SECTION BELTS



FLAT SECTION BELTS 0.5x3mm

Diam.	Length	Code
18.5 mm	58mm	18.5X.5X3
31 mm	97mm	31X.5X3
33 mm	103mm	33X.5X3
35 mm	110mm	35X.5X3
37 mm	116mm	37X.5X3
43 mm	135mm	43X.5X3
46 mm	145mm	46X.5X3
49 mm	154mm	49X.5X3
51 mm	160mm	51X.5X3
54 mm	169mm	54X.5X3
57 mm	179mm	57X.5X3
60 mm	188mm	60X.5X3
63 mm	198mm	63X.5X3
66 mm	207mm	66X.5X3
69 mm	216mm	69X.5X3
72 mm	226mm	72X.5X3
75 mm	235mm	75X.5X3
80 mm	251mm	80X.5X3
85 mm	267mm	85X.5X3
90 mm	282mm	90X.5X3
95 mm	298mm	95X.5X3
105 mm	330mm	105X.5X3
110 mm	346mm	110X.5X3
115 mm	361mm	115X.5X3
121 mm	380mm	121X.5X3

FLAT SECTION BELTS 0.5x4mm

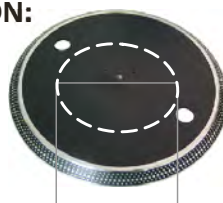
Diam.	Length	Code
31 mm	97mm	31X.5X4
33 mm	103mm	33X.5X4
35 mm	110mm	35X.5X4
37 mm	116mm	37X.5X4
40 mm	125mm	40X.5X4
43 mm	135mm	43X.5X4
46 mm	145mm	46X.5X4
49 mm	145mm	49X.5X4
51 mm	160mm	51X.5X4
54 mm	169mm	54X.5X4
57 mm	179mm	57X.5X4
60 mm	188mm	60X.5X4
63 mm	198mm	63X.5X4
66 mm	207mm	66X.5X4
69 mm	216mm	69X.5X4
72 mm	226mm	72X.5X4
75 mm	235mm	75X.5X4
80 mm	251mm	80X.5X4
85 mm	267mm	85X.5X4
90 mm	282mm	90X.5X4
95 mm	298mm	95X.5X4
100 mm	314mm	100X.5X4
110 mm	346mm	110X.5X4
115 mm	361mm	115X.5X4
121 mm	380mm	121X.5X4
175 mm	550mm	175X.5X4
180 mm	565mm	180X.5X4
185 mm	581mm	185X.5X4
189 mm	593mm	189X.5X4
195 mm	612mm	195X.5X4
200 mm	628mm	200X.5X4
205 mm	644mm	205X.5X4
210 mm	659mm	210X.5X4

FLAT SECTION BELTS 0.5x5mm

Diam.	Length	Code
120 mm	377mm	120X.5X5
126 mm	395mm	126X.5X5
132 mm	415mm	132X.5X5
143 mm	450mm	143X.5X5
150 mm	471mm	150X.5X5
160 mm	502mm	160X.5X5
170 mm	534mm	170X.5X5
175 mm	550mm	175X.5X5
180 mm	565mm	180X.5X5
185 mm	581mm	185X.5X5
189 mm	593mm	189X.5X5
195 mm	612mm	195X.5X5
200 mm	628mm	200X.5X5
205 mm	644mm	205X.5X5
210 mm	659mm	210X.5X5
222 mm	697mm	222X.5X5
238 mm	739mm	238X.5X5
262 mm	823mm	262X.5X5
292 mm	917mm	292X.5X5

SUGGESTION:

Belt Missing?
Measure the
inner-platter
diameter !
This will give
you an approx'
Belt Diameter.



FLAT SECTION BELTS 0.6x5mm

Diam.	Length	Code
31 mm	97mm	31X.6X5
35 mm	110mm	35X.6X5
37 mm	116mm	37X.6X5
40 mm	125mm	40X.6X5
43 mm	135mm	43X.6X5
46 mm	145mm	46X.6X5
51 mm	160mm	51X.6X5
54 mm	169mm	54X.6X5
57 mm	179mm	57X.6X5
60 mm	188mm	60X.6X5
63 mm	198mm	63X.6X5
66 mm	207mm	66X.6X5
69 mm	216mm	69X.6X5
72 mm	226mm	72X.6X5
75 mm	235mm	75X.6X5
80 mm	251mm	80X.6X5
85 mm	267mm	85X.6X5
90 mm	282mm	90X.6X5
95 mm	298mm	95X.6X5
100 mm	314mm	100X.6X5
105 mm	330mm	105X.6X5
110 mm	346mm	110X.6X5
115 mm	361mm	115X.6X5
120 mm	377mm	120X.6X5
126 mm	395mm	126X.6X5
132 mm	415mm	132X.6X5
150 mm	471mm	150X.6X5
160 mm	502mm	160X.6X5
170 mm	534mm	170X.6X5
175 mm	550mm	175X.6X5
180 mm	565mm	180X.6X5
185 mm	581mm	185X.6X5
189 mm	593mm	189X.6X5
195 mm	612mm	195X.6X5
200 mm	628mm	200X.6X5
205 mm	644mm	205X.6X5
210 mm	659mm	210X.6X5
292 mm	917mm	292X.6X5

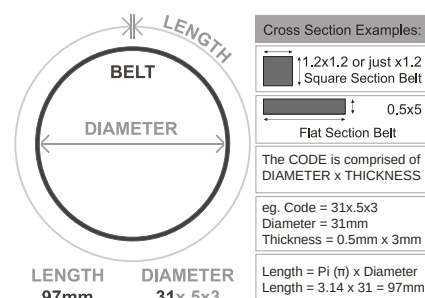
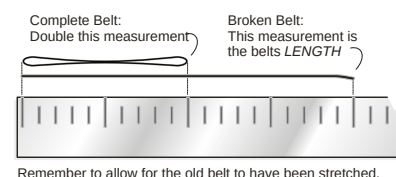
FLAT SECTION BELTS 0.6x6mm

Diam.	Length	Code
57 mm	179mm	57X.6X6
60 mm	188mm	60X.6X6
63 mm	198mm	63X.6X6
66 mm	207mm	66X.6X6
69 mm	216mm	69X.6X6
72 mm	226mm	72X.6X6
80 mm	251mm	80X.6X6
85 mm	267mm	85X.6X6
90 mm	282mm	90X.6X6
100 mm	314mm	100X.6X6
105 mm	330mm	105X.6X6
110 mm	346mm	110X.6X6
115 mm	361mm	115X.6X6
120 mm	380mm	120X.6X6
122 mm	385mm	122X.6X6
126 mm	395mm	126X.6X6
132 mm	414mm	132X.6X6
143 mm	449mm	143X.6X6
150 mm	471mm	150X.6X6
160 mm	502mm	160X.6X6
170 mm	534mm	170X.6X6
175 mm	550mm	175X.6X6
180 mm	565mm	180X.6X6
189 mm	593mm	189X.6X6
195 mm	612mm	195X.6X6
200 mm	628mm	200X.6X6
205 mm	644mm	205X.6X6
210 mm	659mm	210X.6X6
222 mm	697mm	222X.6X6

FLAT SECTION BELTS 0.7x5mm

Diam.	Length	Code
185mm	581mm	185X.7X5
195mm	612mm	195X.7X5

WIDTH is the cross-section or thickness of the belt.
The CODE has within it the size of the belt:
DIAMETER x WIDTH in millimetres.
DIAMETER multiplied by Pi (π) equals LENGTH.





Service & Repair

□ Cassette Parts Misc

CD LOADING BELT 37.3x1.6mm

Original Part No	Suit	Size	Code
4-927-649-01	Sony HD, HCDH, & Many others	1.6 ² x 37.3mmØ	37.3X1.6



BELTS - MISC SIZES

Assorted less common cross-section sizes.
As used in VCR, CD, DVD, cassette and also suitable for other applications.

Length	Suit	Code
104mm	Akai VCR VS1, 2, 3, 4, 5, 8,...	33X1.85
241mm	Akai VCR VS12,F10	77X1.8
195 mm	Daewoo NEC VN20,...	62.5X2
94 mm	NEC N901, 904, 911,...	30X1.45
91mm	JVC HR7200,etc.	29X1.6
258 mm	Samsung VB300, 306, 320, 336	82X2
55mm	Sanyo VCR VTC	17.6X1.65
289mm	Sanyo VCR	92X2
243mm	Sharp VCA220, 270, 420, 470	77.5X1.9
***Sony	Sony HD, HCDH, & Many others	37.3X1.6
58mm	Sharp CD Sled	18.5X.5X3

SHARP CD SLED 18x.5x3

18x.5x3 APPROX

Code
18.5X.5X3



CAR AUTO-REVERSE 122x1

Popular belt used in many brands of car cassette like Eurovox, Clarion, and many others.

Code
122X1



PHILIPS CAR PLASTIC MECH

Belt to suit popular mech P1.
See Fly wheels next page....

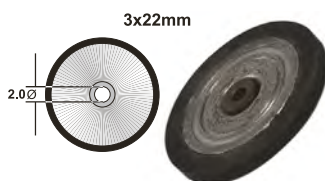
Code
116X1.25



CLARION CASSETTE IDLER

Height = 3mm (Thick)
Outside diameter = 22mmØ
Hole = 2.0mmØ

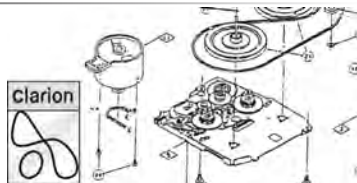
Code
CIA725



CLARION BELT KIT

25.6 x 1.2mm & 121.5 x 1.2mm

Suit	Code
430, 450, 650, 800, 900,990, 9000E, 9061, PU9200...	CK2



CLARION CAR STEREO

When replacing the motor SMA102101 with our substitute motor MMI-6S2L (page 5-5) you will need a new pulley as the old one is not removable.

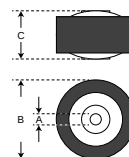
Suit	Code
PN9325D, etc.	MTP1001



□ Cassette Pinch Rollers

CASSETTE PINCH ROLLERS

"A"	"B"	"C"	Code
1.5mm	9mm	6mm	CPR10
2.0mm	9mm	6mm	CPR14
1.5mm	10mm	6mm	CPR18
2.0mm	13mm	8mm	CPR24



CASSETTE PINCH ROLLER

Used in plastic decks where the shaft is a part of the roller.

Code
CPR16



PHILIPS PINCH ROLLERS

Plastic mech P1, P6, etc.
L & R the same.

Code
CPR42



CASSETTE IDLER

Code
CIA718



IDLER TYRE - NAKAMICHI

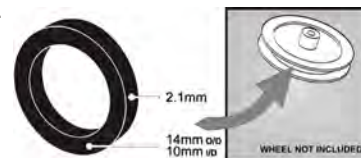
Suit	O/D	I/D	Width	Code
Nakamichi DT series	32.95mm	28.50mm	1.9mm	RT3319



CASSETTE IDLER TYRE

Suit Older mech's with jockey wheel tyre reel assemblies.

Code
RT720



RUBBER ROLLER RESTORER

Restores textures to rubber rollers in office equipment and audio, etc.
Prolongs the lifetime of rubber rollers, preventing costly replacement.
Supplied in pump spray that leaves no residue. Dissolves ink, oil, grease and will remove general office dirt.

Size	Code
250ml/195g	RRR250

Aerosols are sent by road transport.



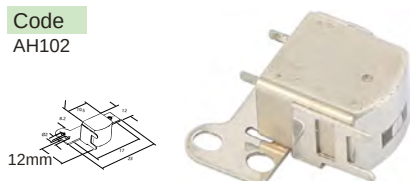


□ Cassette Heads

MONO RECORD PLAYBACK

7KHz +/- 4dB

Code
AH102



MONO RECORD PLAYBACK

7KHz +/- 4dB

Code
AH103



3 HEAD MONO

Original Part No	Equiv.	Code
WYO34AZ.	National	AH306

Record, Play &
Erase in one.



AC ERASE HEAD

Low impedance
approx 5Ω dc
Black body

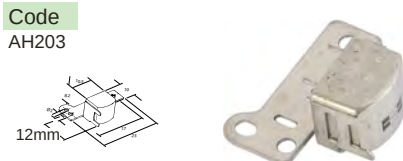
Code
EH900



STEREO RECORD/PLAYBACK

FOR HI FI USE
10KHz +/- 3dB

Code
AH203



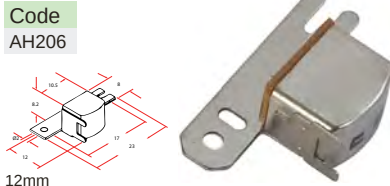
STEREO RECORD/PLAYBACK

STANDARD 10KHz +/- 3dB

Code
AH204

HIGH BIAS 14KHz +/- 3dB

Code
AH206



SONY TYPE

Suit many Sony Rad/Cass recorders
(*9mm) 10KHz +/- 3dB

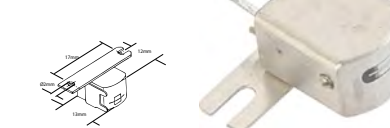
Code
AH128



UPSIDE DOWN TAPE HEAD

STEREO RECORD/PLAYBACK
METAL BIAS 14KHz +/- 3dB

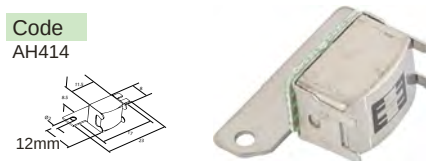
Code
AH207



AUTO REVERSE

(4 Track) Suit car stereo playback.
10KHz +/- 4dB

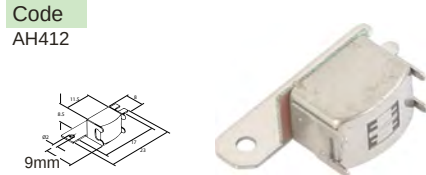
Code
AH414



AUTO REVERSE

(4 Track) Suit portables and Walkman™
(*9mm depth). 10KHz +/- 4dB

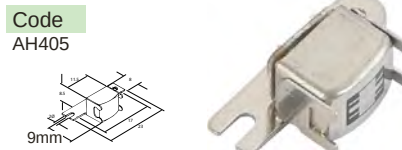
Code
AH412



AUTO REVERSE

(4 Track) RECORD/PLAYBACK
(*9mm) 10KHz +/- 3dB

Code
AH405



DC ERASE HEAD

High impedance
approx 400Ω dc
white body

Code
EH910



□ Miscellaneous

DIAL CORD

300Ft (90M) reel of 0.5mm white &
0.6mm black/white woven nylon cord.
Suit dial cord repair of old radios, etc.

Thickness	Length	Code
0.5mmØ	90M	K665
0.6mmØ	90M	K666



ADJUSTMENT LOCKING SEAL

Don't use my good Nail polish dear! Purpose
made for locking adjustments, screws, etc.
Tamper Evident Seal 15ml.

Colour	Code
Red	EBLR15
Green	EBLV15



DOOR CATCH

FRONT FLAP CLOSE

As found on front door
flaps on VCRs, DVDs, etc.
Push to open
Push to close

Code
DL1902

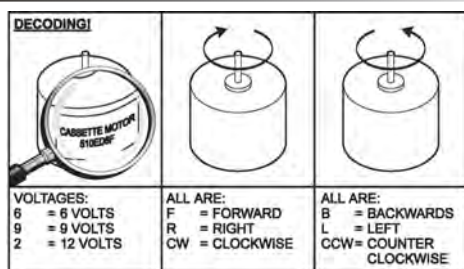




Service & Repair

□ Motor Cassette Deck

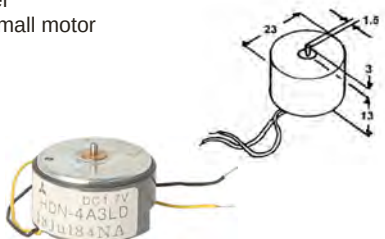
ELECTRONIC GOVERNOR MOTOR



MATSUSHITA MINI MOTOR

Used in walkman© and other applications where a 1.7V small motor is required. Uni-Directional.

Original Part No	Code
HDN-4A3LD	WM350



CAR DECK MOTOR - ELECTRONIC GOVERNOR

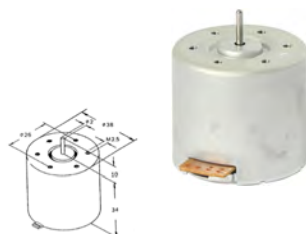
Replacement motor designed to suit car audio units. Counter Clock Wise (Left) 13V DC Electronic governor. Default Speed 2400 RPM (Adjustable).

Code
EG520ED3B



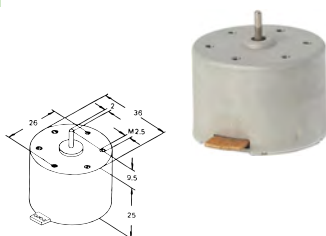
510KD SERIES 1600/3200 RPM DUAL SPEED

Voltage	Direction	Code
9V	CW	510KD9F
9V	CCW	510KD9B
12V	CCW	510KD2B



500KD SERIES 1600/3200 RPM DUAL SPEED

Voltage	Direction	Code
9V	CCW	500KD9B



SPECIALISED MOTORS

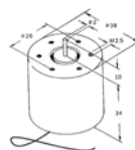
Some audio equipment may require a motor not found here. VCR "loading" motors and the like are also general purpose motors and substitutable in some audio units.

For a comprehensive VCR motor range please request a VCR Catalogue



MABUCHI EG510ED SERIES

Voltage	Direction	Code
6V	CW	510ED6F
9V	CCW	510ED9B



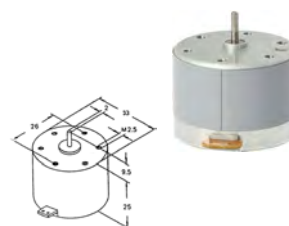
MABUCHI EG500AD SERIES

Voltage	Direction	Code
6V	CW	500AD6F
6V	CCW	500AD6B
9V	CW	500AD9F
9V	CCW	500AD9B
12V	CW	500AD2F
12V	CCW	500AD2B



MABUCHI EG530AD SERIES

Voltage	Direction	Code
9V	CCW	530AD9B
9V	CW	530AD9F
12V	CW	530AD2F



MATSUSHITA MMI-6S SERIES

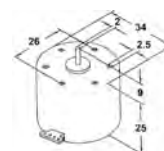
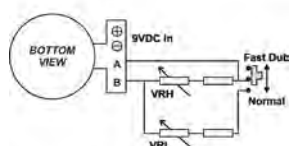
Voltage	Direction	Code
6V	CW	6S6R
6V	CCW	6S6L
9V	CW	6S9R
9V	CCW	6S9L
12V	CW	6S2R
12V	CCW	6S2L



6H9L DUAL SPEED DUBBING MOTOR

Used in mechanisms with one motor. Longer spindle length for two belt pulleys.

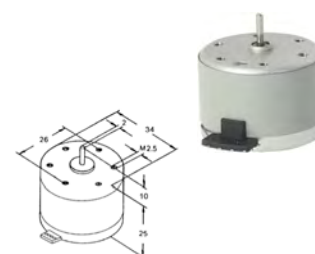
Voltage	Rotation	Code
9V	CCW (L)	MMI-6H9LWSK



SHU SERIES DUAL SPEED MOTOR

Sankyo cassette motors.

Voltage	Direction	Code
9V	CCW	SHU9L
12V	CCW	SHW2L

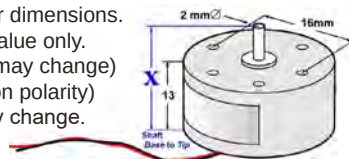




□ DVD & CD Parts Motor DVD & CD

CD MOTORS - RF300

Low-Profile OEM Mabuchi motors as in CD/DVD Suit car audio, Mini-HiFi, portables, etc. May substitute others with similar dimensions. Drive Voltage (PWM) is a peak value only. *D/V is as listed on the stock (& may change) Rotation is reversible (depends on polarity) *P/No. as on current stock & may change.



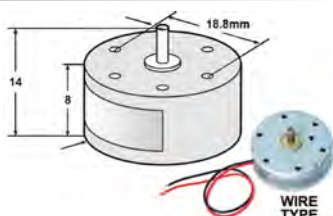
Original Part No	Spindle	D/V	Code
*RF-300C-11400W	19mm	3.0	RF300CA-19
*RF-300CA-11400W	20mm	3.0	RF300CA-20
*RF-300CA-11440	21mm	5.9	RF300-21
MDN3 ST3 HSDS, RXQ0745B	28mm		MDN3ST3
*RF-300FA-12350	18mm	5.9	RF300FA-18
*RF-300FA-12350	28mm	5.9	RF300FA-28
*RF-300CA-11400	18mm	3.0	RF300CA-18
RF-300CA-11400	21mm	3.0	RF300CA-21



PANASONIC TRACKING MOTOR

MDN1 XL3 PDAS RXQ 70A7

Code
MDN1XL3



PANASONIC SPINDLE MOTOR - MDN3ST3

Panasonic DVD

Spindle motor. Repairs a popular fault. Similar to RF300.

Original Part No	Body	Spindle	Code
MDN3 ST3 HSDS, RXQ0745B	24x8mm	28mm	MDN3ST3



CD MOTORS - RF310

Genuine OEM Mabuchi motors as used in many CD/DVD Suit Tracking, loading and spindle drive, etc. May substitute others with similar dimensions. Due to these applications using PWM to operate, Drive Voltage specification is a peak value. *D/V is as indicated on the stock Rotation CW. (to the Right as viewed from above)

Spindle	D/V	Code
27mm	5.9	RF310-27
29mm	5.9	RF320-29
30mm	5.9	RF310-30
32mm	9.0	MTR310-32
38mm	5.9	RF310-38
40mm	5.9	RF310-40
43mm	5.9	RF310-43



DVD SPINDLE MOTOR

RF310-32 D/V 9.0

Common spindle motor Higher voltage (9V) for use with DVD

Original Part No	Spindle	D/V	Code
RF-310T-10470	32mm	9.0	MTR310-32



CD MOTORS - MDN4RA

OEM Replacement motors for CD & DVD Tracking, loading or spindle drive, etc. May substitute similar dimension motors D/V=1.0 to 6.0V (3.0V Nom) 2500-3200 RPM *Specifications & OEM-P/No. may change

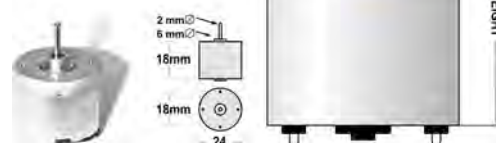
Original Part No	Spindle	D/V	Code
*MDN4RA-30	30mm	6.0	MDN4RA-30
3ETA			



SUNKO - BRASS COLLAR

Spindle Motors by Sunko OEM As used in Sharp Mechanisms (With Laser RCTRH 8147 AFZZ)

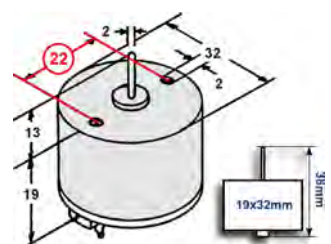
Original Part No	Spindle	Code
MM9G20T05-5	28mm	MTR8147-28
MM9G20T05-4	36mm	MTR1836
MM9G20T05-6	38mm	MTR8147-38



MULTI-DISC PLAYER MOTOR

Suit Pioneer PDM, etc. Loading motor and disc select motor.

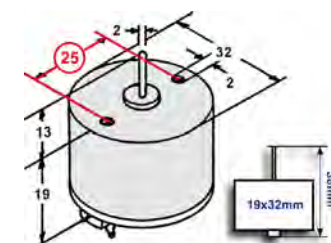
Original Part No	Type	Code
PYY1025	22mm	RF510-38



MULTI-DISC PLAYER MOTOR

Suit Pioneer PDM, etc. Loading motor and disc select motor. (Bracket shown may not be supplied.)

Original Part No	Type	Code
12VDC Matsushita.	25mm	MEN7E2T5



PORTABLE CD/DVD SPINDLE

Push-on disk holder. Snap-lock hold type. Suits 2mm spindle. Playstation part, may suit other applications, but mostly portables. When PS2 used with RF300-21 (8x2mm).

Code
SPD440





Service & Repair

□ DVD & CD Lasers

DVD & CD LASERS

If you just installed a new laser and it does not function Don't Panic! - Check for the "Anti-Static Solder Blob"! For more info, please consult the units service manual. Pioneer Lasers are NOT pre-aligned! Please consult the units service manual.

BEWARE ANTI-STATIC SOLDER JOINTS



HITACHI LASER & MECH

MECHANISM COMPLETE

8 Red + 7 White

Code
HOPM3A-MECH



LASER ONLY

Code
HOPM3A

JVC LASER

Original Part No Code
OPTIMA6S, Use OPTIMA150S
OPTIMA150S

JVC

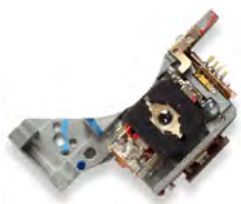


JVC LASER

Suit Portable & Car CD Player

Code
OPTIMA720

JVC



JVC LASER

Code
OPTIMA726A

JVC



LG LASER

6716 DPH 005 A

Code
PVR502W-L **DISCONTINUED**

Code
PVR502W-S

LG



PIONEER PEA1335 LASER

Code
PEA1335

PIONEER



PIONEER CGY1023 LASER

Code
CGY1023

PIONEER



PANASONIC RAE LASER PICKUP

RAE0150Z

Code
LP0150Z

RAE0152Z

Code
LP0152

Panasonic



PANASONIC DVD LASER

Suit Code
DVD-RV20 VED0402-1

Panasonic



PHILIPS MARANTZ & NAD CDM12.4

Complete assembly & mechanism.

Code
CDM124

PHILIPS



PHILIPS MARANTZ & NAD CDM12.1

VAM1201 482269110615,
VAM1202 930502220202

Code
VAM1202

PHILIPS



PHILIPS DVD VAL6011

VAL6011-01, 24H9XJA,
31042921990, 3140001,
45H9XJA, DVD711, 732.

Code
VAL6011

PHILIPS





SANYO SF-91

COMPLETE MECHANISM

All parts including
Laser and motors, etc.

OEM Code
SF-91 MEC5967

SANYO



SANYO SF-91

LASER ONLY

6pin + 5pin plugs.

OEM Code
SF91 LP5967

SANYO



SANYO SF-91 LASER MECHANISM

8PIN + 5PIN PLUGS

Entire mechanism
Motor, Laser, etc.
645-005-5966,
M0773463 K,
Laser SF91

Code
MEC5966

SANYO SF-92.5 LASER

Laser SF-92.5 Single 16 pin ribbon harness.

Code
LP9965

SANYO



SANYO SF-P100 LASER

Laser SF-P100

18 Pin connector "Small Socket" type
Membrane connector

Code
LP7984

SANYO



SANYO SF-P100 LASER

18 Pin connector Laser SF-P100

Original Part No Code
620 022 12609 LP2609

SANYO



SANYO SF-P101 & SF-P101N MECHANISM

15 PIN SF-P101N

Code
MEC101-15

16 PIN SF-P101N

Code
MEC101-16

8+5 PIN SF-P101

Code
MEC10185



SANYO SF-HD850 MECHANISM

DVD READER & WRITER

Code
SF-HD850

SANYO



SANYO SF-P1 LASER

13 pin ribbon

Laser SF-P1

Original Part No Code
614 239 1303 LP1303

SANYO



SANYO SF-P100 LASER

645 006 7983, 13 Pin
connector Push-lock type.

Code
LP7983

SANYO



SAMSUNG SOH-90 LASER

Code
SOH90T4N

SAMSUNG



SAMSUNG SOH-A1 LASER

Plug 1 8 pin Orange, Plug 2 8 pin White

Original Part No Code
SOH-A1-8C10 SOHA1

SAMSUNG



SAMSUNG SOH-AAV MECHANISM

Genuine Samsung SOH-AAV
Optical Pickup

Code
MEC-AAV





SAMSUNG SOH-AAN LASER

Code
SOH-AAN

SAMSUNG



SAMSUNG SOH-DT2 LASER

AK97-00638A

Code
SOH-DT2

SAMSUNG



SAMSUNG SOH-AD3 LASER

Code
SOH-AD3

SAMSUNG



SHARP HPC LASER

HPC-1LX
92LHPC1LXASY
7 Pin & 8 Pin

Code
HPC-1LX

HPC-1MX 7 + 8 Pin

Code
LHPC1MX



SAMSUNG SOH-AP SOH-AAU LASER

Code
SOH-AAU

Code
SOH-AP

SAMSUNG



SHARP RCTRF8147 AIWA DENON LASER

Original Part No SHARP RCTRH8147AFZZ, LP8147
Code LP8147
AIWA DENON HPC-1C

SHARP



SAMSUNG SOH-DP1U LASER

AH30-00010A, AH30-20001B, AH30-220001B, AH3020001B, SOH-DP1U

Code
SOH-DP1



SHARP RCTRF8148 LASER

RCTRF8148AFZZ KCP-1H
HB148AF 16 Pin

Code
LP8148

SHARP



SAMSUNG SOH-DSS-B LASER

AK97-00166B

Code
SOH-DSSB

SAMSUNG



SHARP RCTRH8151 LASER

Original Part No RCTRH8151AFZZ
Code LP8151

SHARP



SAMSUNG SOH-DV1 LASER

AH30-00008A

Code
SOH-DV1

SAMSUNG



SHARP KENWOOD LASER

Kenwood: RXD353, CD203, CD323M, CD423M, CD424M, CD425M, CD4700, etc. Laser only

Original Part No D40-1515-05
Code KCP-3H

SHARP



SAMSUNG SOH-DS2A LASER

AH97-00961A

Code
SOH-DS2A

SAMSUNG



DVD & CD LASERS

BEWARE ANTI-STATIC SOLDER JOINTS

If you just installed a new laser and it does not function Don't Panic! - Check for the "Anti-Static Solder Blob"! For more info, please consult the units service manual.





SHARP NAD LASER

Suits NAD, Sharp & others.
Sharp CD DX GFCD QTCD etc.
Substitutes other lasers.

Original Part No	Equiv.	Code
TAOHS-JP1,	125-617-0007,	LP-KP1
TAOHS-KP1	RCTRH-8112-AFZZ	



SHARP HPC1X LASER

Code
HPC1X

SHARP



SONY BU-31 LASER & MECHANISM

Original Part No	Code
A-4722-425-A	BU31

SONY



SONY KSM150 LASER & MECHANISM

Motors, gears, pickup, all complete.

Original Part No	Code
KSM-150-BBM	KSM150B

SONY



SONY KSS150 LASER

Code
KSS150A

SONY



SONY KSS152 LASER

Unavailable. Substitute supplied From Toshiba.

Original Part No	Code
KSS-152-ARP	TOPH7833

SONY



SONY KSS210 LASER

TYPE A standard

Original Part No	Code
KSS-210-ARP	KSS210A

TYPE B High gain

Original Part No	Code
KSS-210-BRP	KSS210B

SONY



SONY KSM210 LASER & MECHANISM

Motors, gears, pickup, all complete.

Code
KSM2101ADM
KSM210-1BAM
KSM210-BBM



SONY

SONY KSS212 LASER

8 pin Red socket 8 pin white socket

Code
KSS212A
KSS212B



SONY

SONY KSS213 LASERS

16 pin connector for membrane type cable.
Colour may be black, white, cream, etc.

Code
KSS213A
KSS213B
KSS213C
KSS213E
KSS213F

Other Versions Available - See following...

SONY KSS213 LASERS

16 pin connector for membrane type cable. As A/B/C/E but with a bracket on laser head.

Code
KSS213D
KSS213F



Other Versions Available - See above...

SONY KSM213-CCM MECHANISM

Original Part No	Suit	Code
21871SE455	AC720, EF20,	KSM213CCM

LASER ONLY

Code
KSS213C



SONY KSS213E LASER

Code
KSS213E

SONY



SONY KSS261A LASER

Will substitute for some other P/No's. (Not "B")
Orig. KSS220A Or KSS160A, KSS162A
P/No. 162-220-261 revision A

Code
KSS261A
DISCONTINUED





SONY KSS240 LASER

Suit modern Sony units and many others.

Original Part No	Code
KSS-240-ARP	KSS240A



SONY

SONY KSS313 LASER

Pins	Code
17	KSS313A



SONY

SONY KHM313AAA MECHANISM DVM34

DVM-34 mechanism with KHM-313AAA laser.

Code
DVM-34



SONY KHM313AAA MECHANISM DVM520

DVM-520 mechanism with KHM-313AAA laser.

Code
DVM520



SONY KSS330 KSS331 LASER

Suit Sony Walkmans

Original Part No	Code
884821211	KSS330A
	KSS331A
1486A, SC350	KSS331C



SONY

SONY KSS333 LASER

Suit Sony Walkmans.

Code
KSS333A



SONY

SONY KSM360A-BM/DM MECHANISM

With Standard Motor 29 Pin Connector.

Code
KSM360ADM

Direct Drive
DC Brushless motor.
26 Pin Connector.

Code
KSM360ABM



SONY KSM440 PLAYSTATION LASER MECHANISM

Length	Code
35mm	KSM440ACM
105mm	KSM440AEM
120mm	KSM440ADM



SONY

SONY KSS480 LASER

Code
KSS480A



SONY

SONY KSS520 & KSS540

Original Part No	Suit	Code
8848 4020 2, 8848 4020 8	CDX2100A	KSS520A
8848 3282 1		KSS540A



SONY KSS542 LASER

15 Pin Connector.

Original Part No	Code
25394, SB213	KSS542A



SONY

SONY KSS710 LASER

Suit	Code
CD Stackers, Magnavox, Onwa, CDC	KSS710A



SONY

SONY KSS720 LASER

Code
KSS720A



SONY

SONY KHM250 DVD LASER

882014504, A6062706

Code
KHM250AAA



SONY



SONY KHM270 DVD LASER

KHM270AAA, A6062709A, DVPNS415

Code

KHM270AAA

SONY



SONY KHM280 DVD LASER

KHM 280 AAA, KHM 280 AA, 8820 2100 2

Code

KHM280AAA

SONY



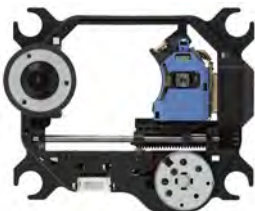
SONY KHM313 DVD LASER

MECHANISM Laser, Motor, etc.

Code

KHM313AAA

SONY



TOSHIBA TOPH7833 LASER

Suit some Toshiba.

Code

TOPH7833

TOSHIBA



YAMAHA CD LASER - TAOHS-JP

This LP-JP3 is a substitute laser for TAOHS-JP, supplied with a Yamaha Modification Instruction Sheet.

Code

LP-JP3



YAMAHA



Minidisk Lasers

SONY MINI-DISK LASER

Personal Player Type 7 pin connector.

Original Part No

Code

X-4946-311-1, DAX-01, DAX-11 LP3111



SONY MINI-DISK LASER

Original Part No

Suit

Code

X4952-506-1, DAX-23E D-EJ715 LP5061



PlayStation

PLAYSTATION® PS-II REPAIR PARTS

Common fault is recognised by the symptom of the CD tray no longer opening. SMD Chips.

Code

BA5815FM



CD/DVD Motor Drive IC.

Code

LA6508

SONY

PLAYSTATION® PSX/PSone SPINDLE

Push-on Disk holder.Snap-lock type.

Code

SPD440



SONY PVR802 PS2 LASER

Code

PVR-802W

SONY



Membrane

MEMBRANE CONNECTORS

FLAT WIRE LOOMS

Suit Sony and other brands Flat membrane wiring looms Exposed conductive ends Push into edge connectors. Specific OEM available & General replacement types of OEM or better quality.

Original Part No	Pins	Length	Width	Code
1-590-849-11	5	120mm	7.5mm	FWL4911
Aiwa carousel, etc.	5	210mm	7.5mm	FWL5210
KSS240A Type	12	100mm	13mm	FWL12100
Replacement	12	110mm	13mm	FWL111
Philips, etc.	15	200mm	20mm	FWL15200
KSS213 Type	16	67mm	17mm	FWL1667
KSS213 Type	16	110mm	17mm	FWL16110
Sony Type	16	150mm	17mm	FWL16150
Sony,LG,etc	16	190mm	17mm	FWL16190
LG, etc	16	230mm	17mm	FWL16230
Sony Type	16	320mm	17mm	FWL16320
Replacement	24	70mm	12mm	FWL2470
Replacement	24	200mm	12mm	FWL24200
Replacement	24	240mm	12mm	FWL24240
Reverse Pins	24	240mm	12mm	FWL24240RV
Replacement	26	200mm	13mm	FWL26200
Replacement	26	240mm	13mm	FWL26240
Replacement	26	260mm	13mm	FWL26260

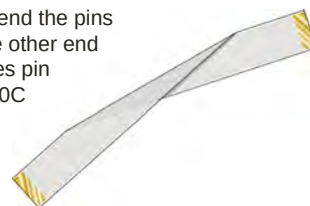


MEMBRANE REVERSE PINS

"Reverse Pins" refers to: At one end the pins exposed are facing upwards The other end Facing Down Thus pin 1 becomes pin 24 CHS E248204 AWM 20624 80C 60V VW-1 24 Pin 12x240mm

Code

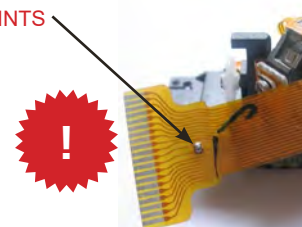
FWL24240RV



DVD & CD LASERS

BEWARE ANTI-STATIC SOLDER JOINTS

If you just installed a new laser and it does not function Don't Panic! - Check for the "Anti-Static Solder Blob"! For more info, please consult the units service manual. Pioneer Lasers are NOT pre-aligned! Please consult the units service manual.





Service & Repair

□ Microwave Parts □ Magnetrons

MICROWAVE OVEN MAGNETRONS

Tags are inline with the air vent & power socket. Referred to as All-In-Line. A higher wattage unit can be used safely in a Lower power oven. Brands supplied may change. Diagrams may differ slightly. Caution is advised with lethal voltages. See MAN-MICRO for instructions.

These quality magnetrons will serve as replacements in a majority of ovens from many different manufacturers. Due to global supply sources may change labelling and/or manufacturer.

CHOOSING YOUR MAGNETRON

The important points to observe are:

(A) Is it an "Inverter" type magnetron (See page Panasonic...)

(B) Will it physically fit in place. Size & Mounting manner similar.

Note: Air flow in relation to the power socket and the tags.

(C) Do the tags have bolts? You may have to transpose old to new.

(D) Compare the P/No listed with each. If not listed, use the most similar magnetron fitting the criteria listed above.

(E) Then pick your wattage...

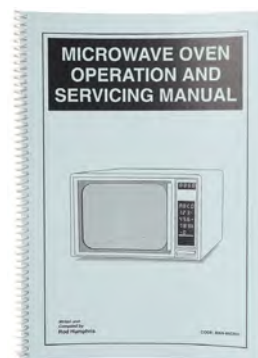
WATTAGE

Wattage output is determined by the oven's internal circuitry such as the transformer voltages, capacitor values, etc, not necessarily just the magnetron.

A Higher Wattage Magnetron Can Be Used In A Lower Wattage Oven.

MICROWAVE MANUAL

There are many dangers involved in servicing microwave ovens. Prepare yourself with information on the correct safety precautions and basic operations. This 66 page book offers all this information and much more including oven testing, door leakage, cooking sensors, common faults and diagnostic flow charts, popular circuits, and lots of general knowledge for microwave servicing. A must for every workshop or even for those of you who are curious about how these things operate.



Code

MAN-MICRO

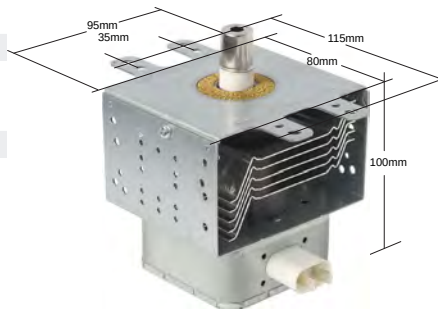


NOT-IN-LINE
IN-LINE



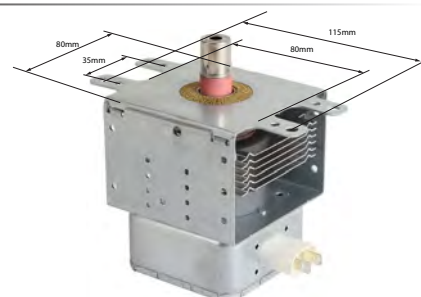
MAGNETRON ALL-INLINE 850W

Size 80x95x100mm
Watt 850W
Equiv. A670FOH-CK,
2M210M1,
NN8509
OEM AWI
Code MAG703



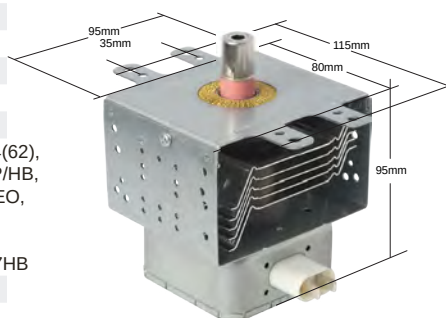
MAGNETRON ALL-INLINE 850W

Size 80x80x100M
Watt 850W
Equiv. Sharp
FV 3.3V
PAV 4000V
PAI 300mA
Original A650-IH,
Part No 2M207-03,
2M218H(H)
Code AM718



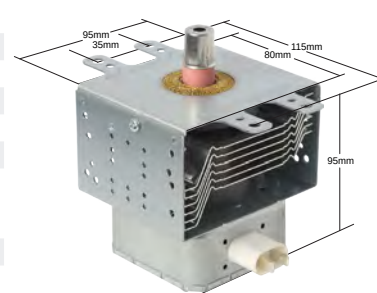
MAGNETRON ALL-INLINE 850W

Size 80x95x100mm
Watt 850W
Freq. 2458MHz
FV 3.15V
PAV 4000V
PAI 300mA
Equiv. A670-IH, 2M224(62),
2M172AH/DW/P/HB,
RVMZA047WREO,
2M219HB,
2M107A-33/94,
OM75-020,S107HB
OEM AWI
Code AM707



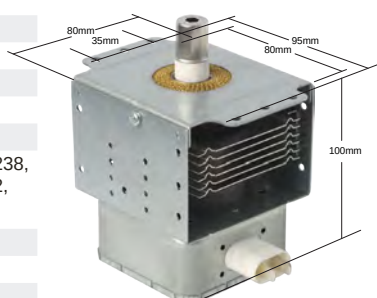
MAGNETRON ALL-INLINE 1KW

Size 80x95x100mm
Watt 1000W
Freq. 2458MHz
FV 3.3V
PAV 4000V
PAI 300mA
Equiv. A670-IH, 2M107A(94),
2M247H(B),
OM75(020), S107HB
OEM AWI
Code AM724



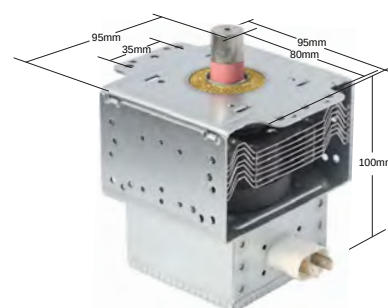
MAGNETRON ALL-INLINE 850W

Size 80x80x100mm
Watt 950W
Freq. 2460MHz
FV 3.3V 12A
PAV 4500V
PAI 350mA
Original 2M214, 2M218/H, 2M238,
Part MS194W, 4150021502,
No 6324W1A003C
Brand. LG
Equiv. Daewoo, Sanyo...
Code AM742



MAGNETRON ALL-INLINE 1KW

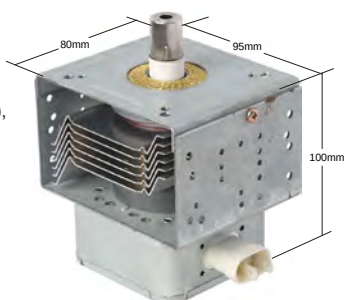
Size 80x95x100mm
Watt 1000 (1KW)
Freq. 2460MHz
FV 3.15V
PAV 4350V
PAI 330mA
Original 2M248H,
Part 2M248H-B,
No 6324W1A001N,
6324W1A001K
Code MAG2481





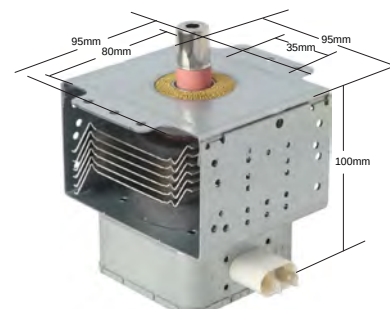
MAGNETRON TAGS INLINE SOCKET NOT-INLINE

Size	95x80x100mm
Watt	850W
Original Part No	CK623HY, A670-HY, 2M214-06, 2M172-ADWII/JYB, 2M172(YC), OM75(51), S107JYB
Code	MAG935



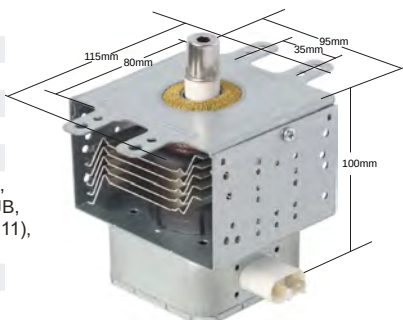
TAGS INLINE SOCKET NOT-INLINE 1KW

Size	80x95x100mm
Watt	1025W
Freq.	2460MHz
FV	3.15V 12A
PAV	4850V
PAI	380mA
Original Part No	2M248J, MS364F, 6324W1A001A
Code	AM727



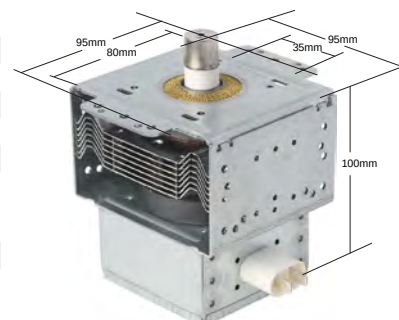
TAGS INLINE SOCKET NOT-INLINE 850W

Size	80x95x100mm
Watt	850W
Freq.	2458MHz
FV	3.15V
PAV	4000V
PAI	300mA
Equiv.	A670-OH, 2M107A, 2M204M3, 2M219JB, 2M240J(Y), OM75(11), S107JB
OEM	AWI
Code	AM701



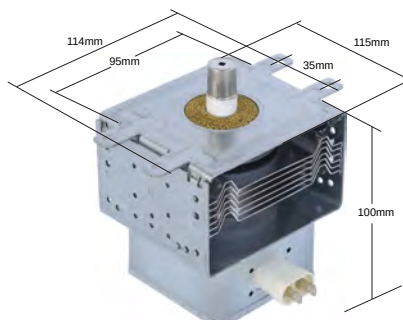
TAGS INLINE SOCKET NOT-INLINE 1.1KW

Size	80x95x100mm
Watt	1100W
Freq.	2460MHz
FV	3.15V 12A
PAV	4400V
PAI	380mA
Original Part No	2M246, 6324W1A001A, B, E, H, L
Code	MAG2461



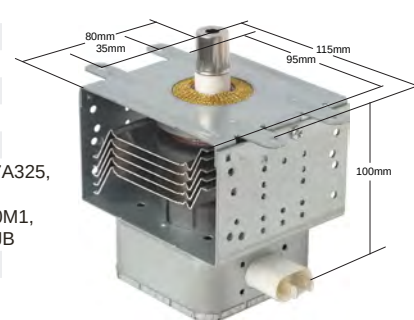
AWI TAGS NOT INLINE SOCKET INLINE 850W

Size	80x95x100mm
Watt	850W
Freq.	2458MHz
FV	3.15V
PAV	4000V
PAI	300mA
Equiv.	Daewoo & Sanyo
OEM	AWI
Code	AM709



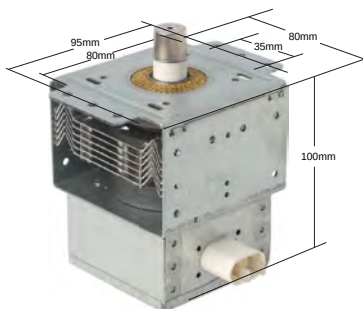
TAGS NOT-INLINE SOCKET NOT-INLINE 850W

Size	95x80x100mm
Watt	850W
Freq.	2458MHz
FV	3.15V
PAV	4000V
PAI	300mA
Equiv.	A670-FOH, 2M107A325, 2M157M1, 2M161, 2M172FJB, 2M210M1, OM75(11), S107FJB
OEM	AWI
Code	AM703



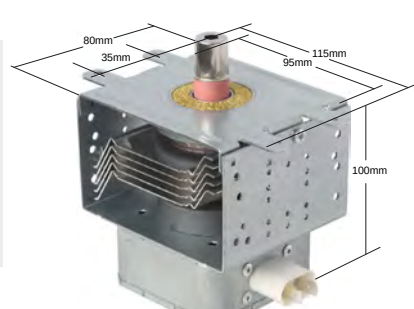
TAGS INLINE SOCKET NOT-INLINE 950W

Size	80x80x100mm
Watt	950W
Freq.	2460MHz
FV	3.3V 12.5A
PAV	4200V
PAI	300mA
Original Part No	2M214, 2M214, A01GLK, 2B71732G
Code	AM743



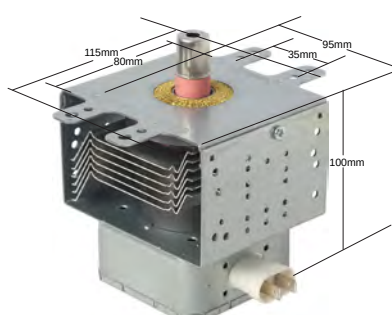
TAGS NOT-INLINE SOCKET NOT-INLINE 850W

Watt	850W
Suit	A670-FOH, AM703, DE03-30012A, OM75S-31D, OM75SD-31, 2M204-M1, 2M210-M1, 2M244-M1, 2M244-M23, many others
Code	MAG708



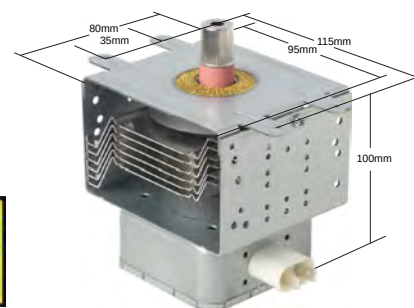
TAGS INLINE SOCKET NOT-INLINE 1KW

Size	80x95x100mm
Watt	1000 (1KW)
Freq.	2458MHz
FV	3.3V
PAV	4000V
PAI	300mA
Equiv.	AM670-OH, 2M240J(Y), 2M247JB, S107JB
Code	AM723



TAGS NOT-INLINE SOCKET NOT-INLINE 1KW

Size	95x80x100mm
Watt	1000 (1KW)
Original Part No	2M244-M23
Code	MAG709





Service & Repair

□ Magnetron Inverter Type

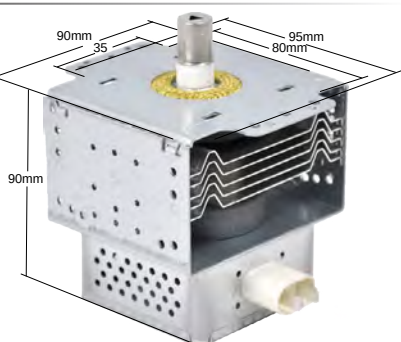
PANASONIC INVERTER TYPE MAGNETRON - AIL

ALL-IN-LINE

WARNING! Use for Inverter type ovens only!

Code
2M236-M36

Panasonic



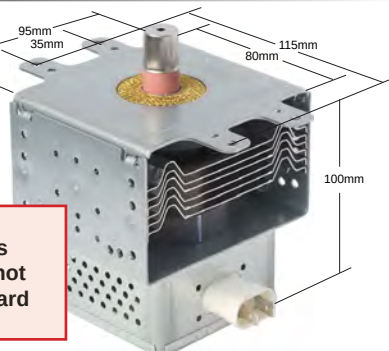
PANASONIC INVERTER TYPE MAGNETRON - AIL

ALL-IN-LINE

WARNING! Use for Inverter type ovens only!

Code
2M236M42E
2M261-M32

BEWARE!
Inverter type magnetrons are specialised and are not substitutable with standard types of magnetrons.



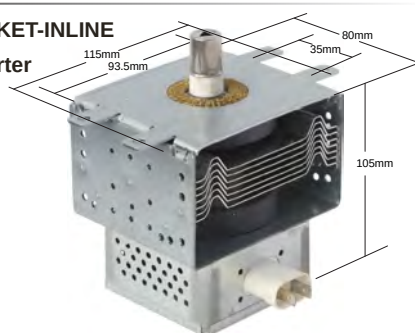
PANASONIC INVERTER TYPE MAGNETRON - TNI

TAGS-NOT-INLINE SOCKET-INLINE

WARNING! Use for Inverter type ovens only!

Code
2M261M22

Panasonic



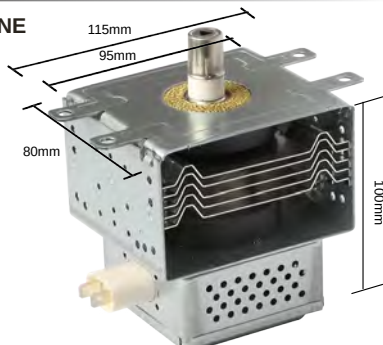
PANASONIC INVERTER TYPE MAGNETRON - ANI

TAGS & SOCKET NOT-INLINE

WARNING! Use for Inverter type ovens only!

Code
2M236-M1G
2M261-M1J1

Panasonic



PANASONIC SMPS PARTS KITS

TWO TRANSISTOR OEM KIT

Update Kit from Panasonic Includes Two Transistors
Original Part No. A691E4V00GPS, Original Part No. A691E4V10GP,
Circuit Reference – Q701 *GT60N321 (G60N90) AESCGT60N321,
Circuit Reference – Q702 1M30D-060 AESPGT30J322

PARTS KIT

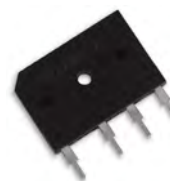
Code
KIT691

Panasonic



BRIDGE RECTIFIER

Original Part No. AESTRBV6206
Code D20XB60



MAY ALSO REQUIRE REPLACING

362K 3KV CAP

Original Part No. ECKK3FF362KDU
Code DE3600



□ Repair Assistance & Tools

HIGH VOLTAGE PROBE

DON'T GET ZAPPED!

Test the capacitor for voltage first. Also for checking correct voltage and rectification, etc.
40KV. $\pm 2\%$ 1GΩ 1000:1 ratio.
Suitable for Analogue & Digital Multi-meters.

Code
HT4944



MICROWAVE LEAKAGE METER

Detect and measure 2450MHz microwave leaks from door seals, etc.
3 Digit meter 0 to 9.99mW/cm² with a 5mW/cm² alarm.
+/-1dB accuracy.
160x60x42mm hand-held.
Max-Hold. Zero set. Back light.
Includes protective carry pouch.
Requires 9V battery.

Code
DT2G



MICROWAVE REPAIR ASSISTANCE MANUAL

There are many dangers involved in servicing microwave ovens. You should prepare yourself with information on the correct safety precautions and basic operations. This 66 page book offers all this information and much more including oven testing, door leakage, cooking sensors, common faults and diagnostic flow charts, popular circuits, and lots of general knowledge for microwave servicing.

Code
MAN-MICRO



SCREW DRIVERS & FIXING NUTS

TORX SECURITY SCREW DRIVER JAPAN

Code
HT15H



TORX SECURITY 1/4" HEX BIT

Code
HEX815



SEE SECTION TOOLS & TEST EQUIPMENT FOR MORE.....



Switches

MICRO-SWITCH

Microwave oven Micro switches. As used for door catch and open latch mechanisms. 1/4" (6.3mm) & 3/16" (4.8mm) Terminal contacts.



STANDARD PRESSURE

Power	Tags	Code
16A	6.3mm	MS106

Power	Tags	Code
16A	4.8mm	MS107



LIGHT PRESSURE

Power	Tags	Code
16A	6.3mm	MS301

Power	Tags	Code
16A	4.8mm	MS298



MICRO-SWITCH WITH LEVER

Single Pole Double Throw

Lever	Power	Tags	Code
25mm	15A	6.3mm	SW1600

Lever	Power	Tags	Code
25mm	10A	4.8mm	MS199

JAPAN 16A

Lever	Power	Tags	Code
25mm	16A	4.8mm	SW5112



MICRO-SWITCH WITH ROLLER-LEVER

Roller wheel for mechanical triggering Short lever length 10A 250Vac FTM

Tags	Lever	Code
4.8mm	14mm	SWM424

Tags	Lever	Code
4.8mm	28mm	SWM425



SECURITY TAMPER LABELS

"WARNING WARRANTY VOID IF SEAL BROKEN OR TAMPERED WITH."

Place over screws and seals to prevent tampering. Suit repair shops, etc. Special type sticker that will not peel off in one go. Convenient dispenser box.

Type	QTY	Code
Roll	500 pcs	WL500



Roof / Door Liners

MICROWAVE ROOF LINER 450mm

Simply cut to shape.

MICA

Size	Code
450 x 450mm	RF501M



MICROWAVE ROOF LINER 300mm

Simply cut to shape.

MICA

Size	Code
300x300mm	RF502M



MICROWAVE ROOF LINER 127mm

Simply cut to shape.

MICA

Size	Code
203x127mm	RF504M



MICROWAVE ROOF LINER 100mm

Simply cut to shape.

Size	Code
150x100mm	RF504S



INNER DOOR LINING

Clear transparent replacement for linings of oven doors. With sticky adhesive on one side.

Size	Code
500x350mm	DS450



Clear Film
350 x 500mm



□ Diodes

MICROWAVE RECTIFIER DIODE - HVM12

High Voltage Regulator Diode
Rated 500mA 12KV Rectifier
HV05-12, HVR-1X-3T, HVR1X-7

Code
HVM12



MICROWAVE RECTIFIER DIODE 4.3mm - RING

High Voltage Regulator Diode HVR12
Rated 500mA 12KV Rectifier
HV05-12, HVR-1X-3T, HVR1X-7

Code
ZA511



MICROWAVE RECTIFIER DIODE 6.35mm - RING

High Voltage Regulator Diode
HVM12, 450mA 12KV Rectifier
HV05-12, HVR-1X-3T, HVR1X-7

Code
ZA521



PANASONIC SHORT PROTECTOR 2X062H

Bi-Directional High Voltage Diode 2X062H
10uA D1=1.5KV D2=6.0KV
Replaces A606V4760JP,
A606V5110BP, HV6X2P

Code
2X062H



MICROWAVE SHORT PROTECTOR 2X062H

Code
HV6X2P



MICROWAVE SHORT PROTECTOR 6mm - 6mm

Code
ZA530



PANASONIC STACK DIODE UXC2B

A6202-4N10T
(D701 & D702)

Code
UX-C2B



DIODE SET

Common microwave replacement set. HV6X2P & HV05-12
Supplied already wired with connectors (6mm).

Code
ZA018



eg. Replacement for SHARP
FHD ZA017 WREO

PANASONIC PROTECTOR DIODE

Original cabling
A606V5110BP
Diode 2X062H

Code
MWD606



ANE6202B60AP DIODE

Code
MWD60



ANE6202 DIODE

Original Part No Code
ANE6202-C90 eq MWD90
to ANE6202-F50



75HVP10 DIODE

Original Part No	Power	Code
75-HVP16	16KV, 750mA	HD204M



HIGH VOLTAGE DIODES

TO RECTIFY & TO PROTECT
REMEMBER TO DISCHARGE THE
HIGH-VOLTAGE CAPACITORS !

Generally Protection Diodes
fail by going short-circuit.
Always replace BOTH Diodes





□ Appliance Lamps

MICROWAVE CONVECTION & FRIDGE

Incandescent Filament lamps designed for use in microwaves. Labeled as: Temp=300°C will tolerate heat of convection ovens. **HIGH TEMP**

Any lamps will suit fridges, etc. Pictures are accurate at the time of printing but may vary.

New LED lighting is not suitable for high temperature or microwaves.

LAMP E14 CONVECTION

Base	E14 SES	E14 SES
Volts	240Vac	240Vac
Watt	15W	25W
Temp	300°C	300°C
Code	CL802	CL807



HIGH TEMP

LAMP E14 - PANASONIC

Base	E14 SES
Volts	240Vac
Watt	25W
Temp	<100°C
OEM	ANE6030Q50GN
Code	MWL50



LAMP E14

Base	E14 SES	E14 SES
Volts	240Vac	130Vac
Watt	25W	25W
Temp	<100°C	<100°C
Code	CL818	CL819



LAMP E14 - LONG 80X25MMØ

Base	E14
Volts	240Vac
Watt	40W
Temp	STD
Code	CL830



1.5W E14 LED BULB

APPLIANCE GLOBE

Colour Temp.	Warm White	Cool White
Code	LBL-BC1-W1	LBL-BC1-C1

The E14 screw base LED bulb is suitable for appliance lighting, such as in refrigerators. 240Vac. NOT High Temperature safe.



NEW LED

LAMP E17

Base	E17 SES
Volts	240Vac
Watt	20W
Temp	300°C
Code	CL821



HIGH TEMP

LAMP E17 NARROW 125VAC

Base	E17 SES
Volts	125Vac
Watt	20W
Temp	<100°C
Code	MWL40



LAMP E17 CONVECTION

Base	E17 SES
Volts	240Vac
Watt	20W
Temp	300°C
OEM	A60304080BP
Code	MWL80



HIGH TEMP

LAMP B22 BAYONET

Base	BC B22D
Volts	240Vac
Watt	25W
Temp	<100°C
Code	CL809



LAMP & BRACKET INLINE

Tags	4.8mm
Volts	240Vac
Watt	20W
Temp	<100°C
Code	CL823



LAMP & BRACKET

Tags	4.8mm
Volts	240Vac
Watt	25W
Temp	<100°C
Code	CL825



More Lighting...
See Section 08



LAMP & BRACKET 4.8MM

Hi-Temp bulb & base with 40mm between mounting holes. 60mm tall, 25mm bulb.

Volts	240Vac
Watt	25W
Tags	4.8mm
Temp	300°C
Code	CL829



HIGH TEMP

4.8mm width tags.

LAMP & BRACKET 6.5MM

Hi-Temp bulb & base as one. 40mm between mounting holes. 25mmØ Bulb. 66mm total height.

Tags	6.5mm
Volts	240Vac
Watt	25W
Temp	300°C
Code	CL827



HIGH TEMP

LAMP & BRACKET R/A 4.8MM

Hi-Temp bulb & base as one. 40mm between mounting holes. 25mmØ Bulb. 66mm height.

Tags	4.8mm
Volts	240Vac
Watt	25W
Temp	300°C
Code	CL828



HIGH TEMP

Right Angle

LAMP & BRACKET 6.5MM 4.8MM

PANASONIC F612E4Y00XP Y9N01

Hi-Temp bulb & base as one. 40mm between mounting holes. 25mmØ Bulb. 66mm total height.

Volts	240Vac
Watt	25W
Tags	6.5mm 4.8mm
Temp	300°C
Code	F612E4



HIGH TEMP

LAMP & BRACKET R/A 4.8MM

Volts	240Vac
Watt	25W
Tags	4.8mm pair
Temp	300°C
Code	CL832



HIGH TEMP



Service & Repair

Thermal

MICROWAVE VARISTOR

Original Part No	Code
ANE604V820JN	MWV820



More Varistors....

SEE COMPONENTS SECTION 10



THERMAL CUT-OFFS 10A

Temp	Code
45°C	MWT71030
52°C	MWT71031
70°C	MWT70
75°C	MWT75
80°C	MWT80
85°C	MWT85
90°C	MWT90
95°C	MWT95
100°C	MWT100
105°C	MWT105
110°C	MWT110

Self Resetting 10A 240VAC
Available in °C

Temp	Code
115°C	MWT115
120°C	MWT120
125°C	MWT125
135°C	MWT135
140°C	MWT140
145°C	MWT145
150°C	MWT150
155°C	MWT155
160°C	MWT160
165°C	MWT165



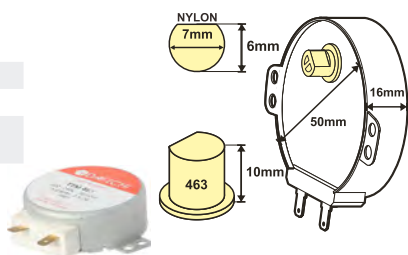
Temp	Code
45°C	MWT71030
52°C	MWT71031

Carousel Motors

CAROUSEL MOTOR ¾ MOON 10mm

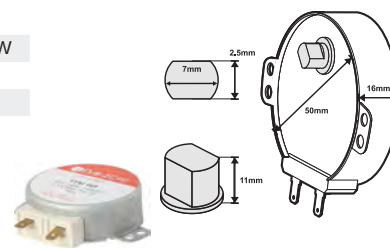
NYLON SHAFT

Shaft-Height	10mm
Voltage	240VAC 2.5W
Speed	5RPM
OEM	SSM16H
	C2B72754F
Code	TTM463



CAROUSEL MOTOR DOUBLE-FLAT 11mm

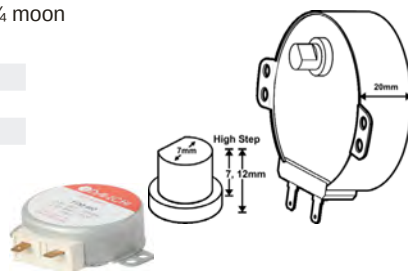
Shaft-Height	11mm
Voltage	240VAC 2.5W
Speed	2.5 RPM
Code	TTM468



CAROUSEL MOTOR ¾ MOON 12mm

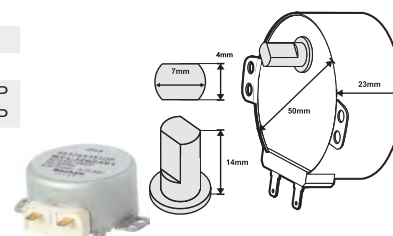
Body Height 20mm Shaft ¾ moon

Shaft-Height	12mm
Voltage	240VAC 2.5W
Speed	2.5RPM
OEM	MULJ24ZB73
Code	MWM462



CAROUSEL MOTOR DOUBLE-FLAT 14mm

Shaft-Height	14mm
Voltage	240VAC 4W
Speed	2.5 RPM
OEM	A63265450QP
	A63265451QP
Code	MWM450

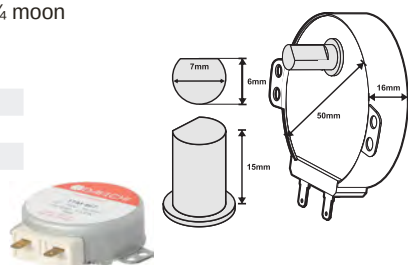


CAROUSEL MOTOR ¾ MOON 16mm

Body Height 15mm Shaft ¾ moon

GM1624FEK1

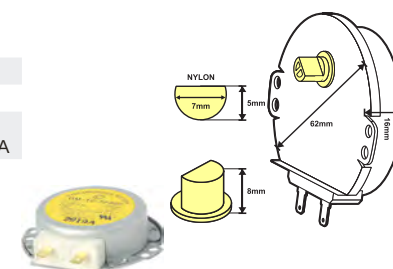
Shaft-Height	16mm
Voltage	240VAC 2.5W
Speed	5 RPM
OEM	GM1624FEK1
Code	MWM467



CAROUSEL MOTOR WIDE FLANGE

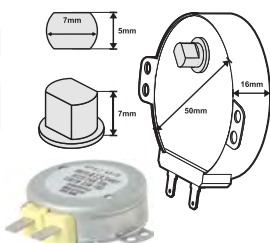
NYLON SHAFT

Shaft-Height	10mm
Voltage	21VAC 3W
Speed	2.5 RPM
OEM	GM-16-2F302
	6549W1S017A
Code	MWM6549



CAROUSEL MOTOR DOUBLE-FLAT 7mm

Shaft-Height	7mm
Volts	240VAC 240VAC 3.5W
Speed	2.5 RPM
OEM	RMOTDA091 RMOTDA133
	M2LJ24ZA02
Code	MWM91 MWM133

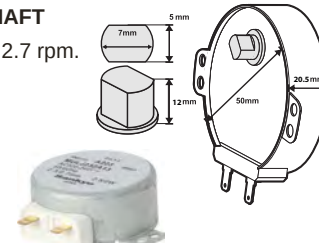


CAROUSEL MOTOR DOUBLE-FLAT 12mm

MULJ23ZA13 DOUBLE FLAT SHAFT

Replacement carousel motor with 2.7 rpm.

Shaft-Height	12mm
Voltage	240VAC 2.5W
Speed	2.7RPM
OEM	RMOTDA223WREO
Code	MWM223





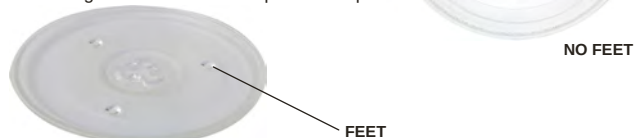
□ Carousel Trays

MICROWAVE GLASS TRAYS

Glass high temperature oven safe.
Available with or without coasting feet.

Type	Size	Code
With Feet	315mm	TR315
No Feet	320mm	TR320
No Feet	345mm	TR345
With Feet	340mm	TR340

TR340 is a genuine Panasonic replacement part.



MICROWAVE TRAY COUPLER

COMPATIBLE WITH TR315 TR320 TR340 TR345

Suits Half-Moon direct coupling to
motors as in popular Sanyo and others.
Triple/triangular tray holder
Size: 16x38mmØ

Code
NT48



□ Belts

MICROWAVE OVEN BELTS

High temperature tolerant. As used to rotate trays in ovens.

Original Part No	"A"	"B"	"C"	Length	Type	Code
ANE4060-850	95	7.0	0.6	300	Neoprene	MWB95
ANE4060-820	100	7.5	0.6	320	Neoprene	MWB100
ANE4060B60AP	110	7.0	0.6	340	Neoprene	MWB110
ANE4110-820	260	3.0	Square	800	Neoprene	MWB260
ANE4110-860	280	3.0	Square	880	Neoprene	MWB280
ANE2132580AP	175	2.5	Round	550	Neoprene	MWB175



□ Capacitors

CAPACITORS

Correct metal can type replacement capacitors to suit microwave ovens

Value	Voltage	Height	Width	Depth	TAB.	Code
0.60µF	2100	85	53	33	6.3mm	MWC601
0.71µF	2100	80	53	33	6.3mm	MWC71
0.86µF	2100	70	53	33	6.3mm	MWC86
0.91µF	2350	100	53	33	6.3mm	MWC604
0.95µF	2100	75	53	33	6.3mm	MWC613
0.97µF	2100	97	53	33	6.3mm	MWC97
1.00µF	2100	90	53	33	6.3mm	MWC614
1.05µF	2100	90	53	33	6.3mm	MWC615
1.07µF	2100	75	53	33	6.3mm	MWC631
1.10µF	2100	80	53	33	6.3mm	MWC616
1.13µF	2100	90	53	33	6.3mm	MWC628
1.14µF	2100	90	53	33	4.6mm	MWC114-4
1.14µF	2100	79	53	33	6.3mm	MWC114-6

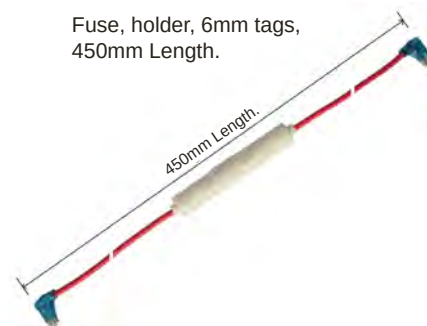


□ Fuses

MICROWAVE 5KV FUSES LONG

Rating	Code
600mA	MWF60
700mA	MWF70
750mA	MWF75
800mA	MWF80
850mA	MWF85
1Amp	MWF100

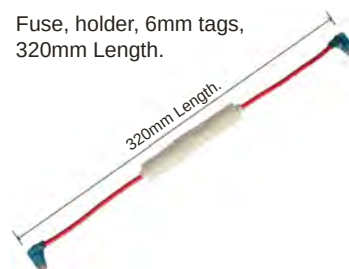
Fuse, holder, 6mm tags,
450mm Length.



MICROWAVE 5KV FUSES SHORT

Rating	Code
600mA	HVF600
650mA	HVF650
700mA	HVF700
750mA	HVF750
800mA	HVF800
850mA	HVF850
900mA	HVF900
950mA	HVF950
1Amp	HVF1000

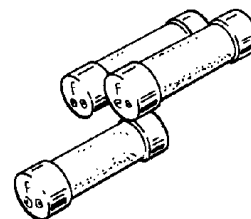
Fuse, holder, 6mm tags,
320mm Length.



AWI FUSES 5 x 20mm

Rating	Code
250mA	AFD.250
1A	AFD1
1.25A	AFD1.25
1.6A	AFD1.6
2A	AFD2
2.5A	AFD2.5
3.15A	AFD3.15
5A	AFD5
6.3A	AFD6.3
8A	AFD8
10A	AFD10
12.5A	AFD12.5

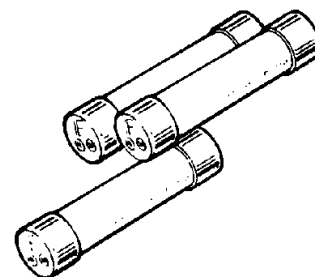
Ceramic tube Brass nickel
plated contact cups Time
delay(T) High breaking capacity.



AWI FUSES 6.3 x 32mm

Rating	Code
1A	AFC1
1.5A	AFC1.5
1.6A	AFC1.6
2.5A	AFC2.5
3.15A	AFC3.15
5A	AFC5
6.3A	AFC6.3
7A	AFC7
8A	AFC8
10A	AFC10
12A	AFC12
15A	AFC15
16A	AFC16
20A	AFC20

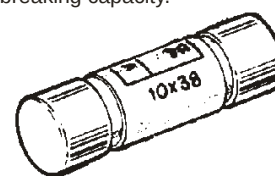
Ceramic tube Brass nickel
plated contact cups Time
delay(T) High breaking capacity.



AWI FUSES 10 x 38mm

Rating	Code
1A	HRC1
6A	HRC6
8A	HRC8
10A	HRC10
16A	HRC16
20A	HRC20
32A	HRC32

Ceramic tube Brass nickel plated
contact cups Time delay(T) High
breaking capacity.





VIDEO CASSETTE RECORDER PARTS CATALOGUE

A COMPREHENSIVE RANGE OF VCR PARTS ARE AVAILABLE:

There is an extensive range with thousands of Video Parts stocked. These are not listed here in this print due to space restrictions. Please refer to previous WES Catalogues for parts available or visit our website for an easy search solution: www.wes.com.au

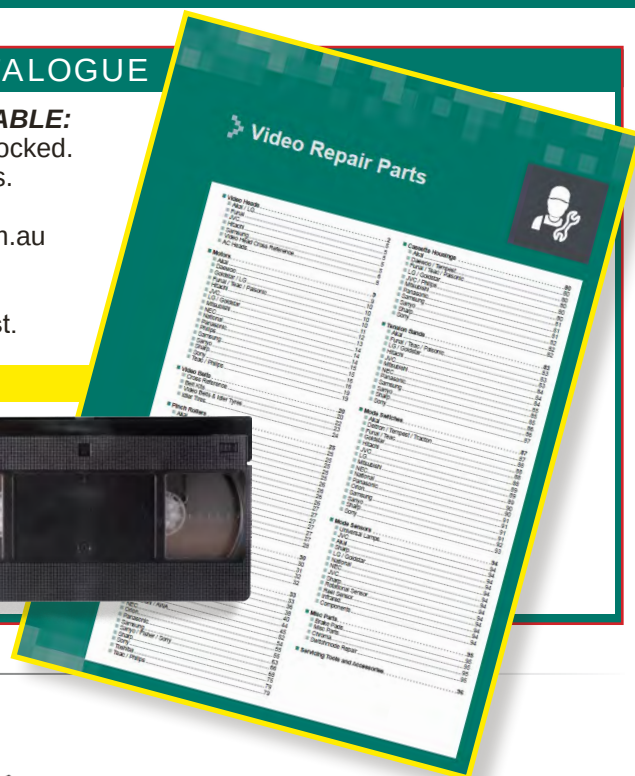
WES VCR PARTS CATALOGUE

A Free 100 page VCR Parts Catalogue is available on request.

Hard copy print; please order **VCR-CAT**

Available for PDF download online from our website:
<https://www.wes.com.au> [and search for "vcr-cat"]

Code
VCR-CAT



VHS BLANK VIDEO CASSETTES

STOCK MAY CHANGE
DEPENDING ON AVAILABILITY

Excellent quality recording and playback
with reliable archiving longevity.

Time	Code
180min	VHS180



HEAD CLEANER VHS

Non-Abrasive polyester to
clean the entire tape path.

Code
HL-201

EXTRA CLEANING SOLUTION

Code
CS500



SECURITY TAMPER LABELS

Place over screws and seals to
prevent tampering. Suit repair
shops, etc. Special type sticker
that will not peel off in one go.
Convenient dispenser box.

Type	QTY	Code
Roll	500 pcs	WL500



8MM BLANK CASSETTE - SONY

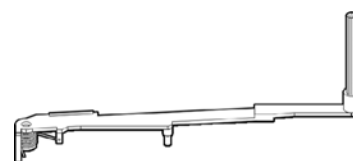
GENUINE SONY HMP Hi8 METAL FORMULA

Time	Code
85 min	V8085



PANASONIC ARM

Suit	K Mechanism
Equiv.	VXL2394
Code	VXL2243



CASSETTE ADAPTOR VHS-C

Adapts the compact camcorder
cassette to the normal size.
VHS-C Cassettes ONLY! S-VHS
Compatible [NOT 8mm/Hi-8]
REQUIRES "AA" BATTERY

Code
EL303E

NOT FOR 8mm!



VIDEO PINCH ROLLER

ROLLER ONLY FROM VPR120,
VXL1743 & VXL2676 Panasonic NVG
series NVG20,21,22,25,40 AND MANY
OTHERS. Panasonic NVJ, NVL,
NVF, NVD series. SHARP LATE VCA
SERIES BLAUPUNKT RTV560,740,

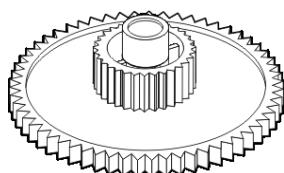
Code
VPR121

MANY MORE AVAILABLE



PANASONIC GEAR

Suit	NVSD10A
	NVSD20A
	NVSD30A
Code	VDOG868



PANASONIC ROLLER POST

Suit	NV730, NEC
	911A
Code	VXP0444A



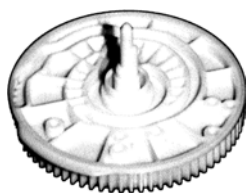
This is only a sample of the range available. Please visit us online for many more.



□ FOR VIDEO RECORDER [VCR] PARTS A CATALOGUE IS AVAILABLE - PLEASE ENQUIRE...

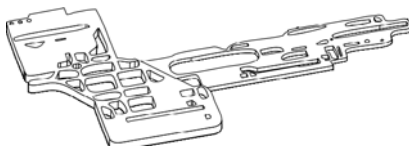
PANASONIC MAIN CAM

Original Part No VDG1220
Suit NVSD220, 270, NVSD420, NVHD620, 670.
Code VDG1220



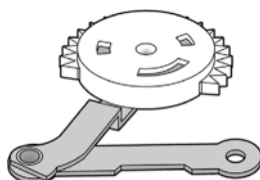
PANASONIC MAIN LEVER UNIT

Suit NVSD Mech.
Code VXL2307



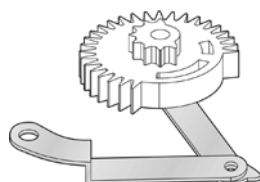
PANASONIC LOADING ARM

Suit NVSD220, 270, NVSD420, NVHD620, 670.
Code VXL2672



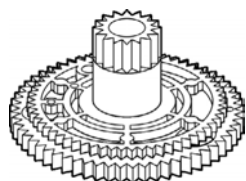
PANASONIC LOADING ARM

Suit NVSD220, 270, NVSD420, NVHD620, 670.
Code VXL2670



PANASONIC GEAR

Suit NVHD, NVHS, NVSD, RTV, TC20S10,...
OEM 482252233439
Code VDG0885



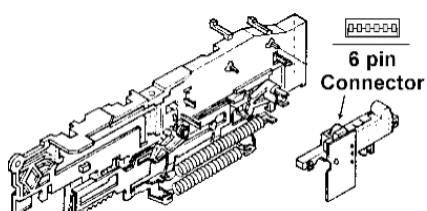
PANASONIC TENSION BAND

Suit NV300, 600, NV777, etc.
AG6200, RTV321.
Code VXZ0129



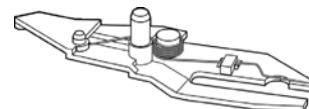
PANASONIC SIDE PLATE

Suit NVL20, 25, 'G' Mech
Code VXA4076



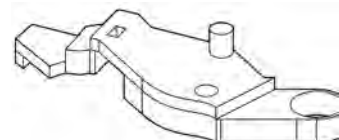
AKAI ARM LOADING BLOCK END

Original Part No Arm BL433561N7, End BL438155C
Suit VSG260, 262, 265, VSG460, 465, VSG765, 875, VSP170, etc.
Code BL438155C



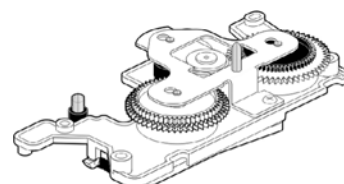
JVC TENSION ARM LEVER

Original Part No PQ35012-1-5 4822 4021 0367
Suit HRJ220, 221, 425, 435, HRJ621, 625, 635, etc. VR155, 357, 455, VR656 and more.
Code PQ35012



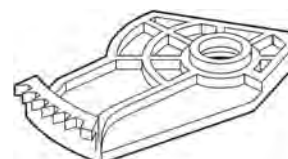
NEC REEL DRIVE ASSEMBLY

Original Part No 16192683
Suit 9000 series, DS6000, DX1600, DX3000
Code MEC2683



SHARP REVERSE DRIVE LEVER

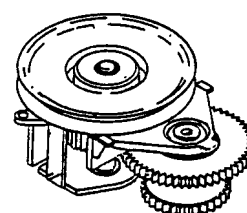
Original Part No MLEVP0275GEZZ
Suit VCA200X, 220X, 250X, VCA260X, 270X, VCA400X, 410, 420.
Code LEV0275



SHARP GEAR IDLER ASSEMBLY

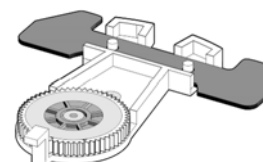
Original Part No NGERH1128GEZZ
Suit VCA115X, etc.
Code GIA1128

Without tape lock disable.



SONY ARM BLOCK

Original Part No A6759074P
Code GR5074



SONY FRONT LOAD DRIVE GEAR KIT

3-958-156-02 Gear Sony Is no longer available! Sony recommends 'Must use this kit to avoid "No tape loading or eject" problem when replacing GR5603 '
*Includes gears & slide plate.

Suit SLV,T,X Series, etc.
Code KIT5602



This is only a sample of the range available. Please visit us online for many more.



PANASONIC "G" MECH VIDEO MAINTENANCE PARTS KIT GENUINE

VDG0574	Main Cam Gear
VDG0343	Sub Cam Gear
VDG0348	Centre Gear
VDG0547	Clutch Gear
VXP0917	Pulley Unit
VDG0448	Loading Gear
VXP0878	Gear Unit
VML1861	Detent Arm
VDG0342	Ring Gear
VDV0169	Timing Belt
VXL1861	Play Arm
VDG0564	Load Gear T
VDG0419	Load Gear

Suit NVD38, 48, NVF55, 65, 66, 70, 75, 77,
NVG33, 220, 300, NVJ1, 10,11,30,35,45,
NVL10,15,20,P10,etc.

Code VUA4116KIT

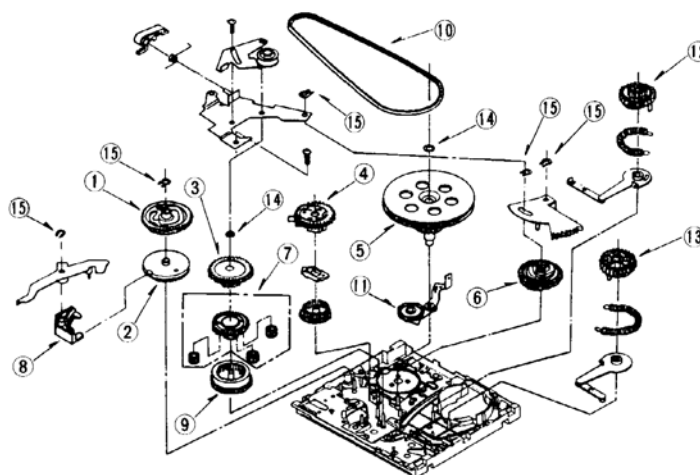


ILLUSTRATION FROM BOX

This is only a sample of the range available. Please visit us online for many more.

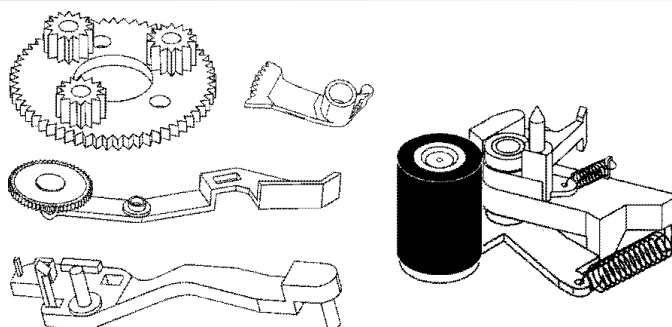
PANASONIC "G" MECHANISM PARTS KIT

Contains VXL1490, VXL1743, VXP0878, VDG0597 VML1849, VMX1079, washers and C rings. As the G mech is very popular this kit will suit many models eg. NV-G20, 21, 22, 33, 40, NV-D38, 48, FS1, H65, 75 etc, + RTV740,560,etc.

Code
VUA4104

VDV0169 BELT

Code
VDV0169



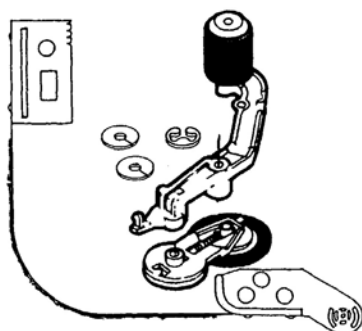
NATIONAL PANASONIC OVERHAUL KIT

Suits: NATIONAL NV-G7 to 18
NVG30/H70/65... etc.
Contains; VXP0521 Idler,
VXL1371 Roller assembly,
VXZ0165 Tension band
Washers and Circlips

Code
VUD4103KIT

BELT KIT

Code
VBK79



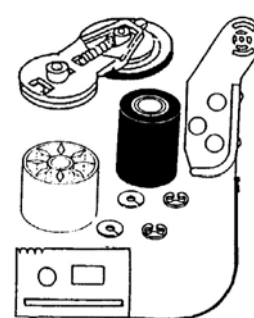
NATIONAL PANASONIC OVERHAUL KIT

Suits: NATIONAL NV250,
NV280, 470, 870... etc.
Contains; VXP0521 Idler,
VDP0908 Roller,
VXZ0165 Pinch roller
Circlips and Washers.

Code
VUD4093KIT

BELT KIT

Code
VBK50



AKAI ROLLER ASSEMBLY

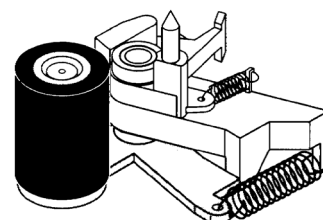
Original Part No	BL-387501J1
Equiv.	BL-V1075A180D
	VS22,26,35, 55,66,75,77, VS422,425,465,725, VSA650,VSF10,11, 220,221,400,410,V SF422,425,430,600
Suit	
Code	VPR150



PANASONIC ROLLER ASSEMBLY

VXL1858 or VXL1743 NV-G20,
21, 22, 25, NV-G28, 40, 45,...
NV-D38, D48, NV-H65, H75,
RTV740, etc...

Code
VPR120



ROLLER ONLY - 2 TYPES 2.5mm & 3mm

3.0mm BEARING SHAFT

Code
VPR125

2.5mm BEARING SHAFT

Code
VPR124



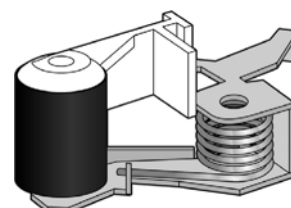
Roller Only - 2.5mm or 3mm

PANASONIC ROLLER ASSEMBLY

Original Part No	VXL2676, VXL2785
Suit	NVSD220, 270, 420, NVHD620, 670.
Code	VXL2676

Roller Only

Code
VPR123



This is only a sample of the range available. Please visit us online for many more.



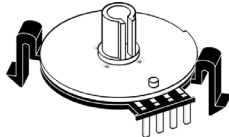
PANASONIC MODE SWITCH

Suit NVG20, 22, 25, 33, 40, 45
NVH65, H75, L20, L25,
RTV560, 740, etc..
Code VSS0175A



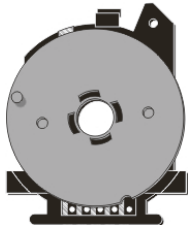
PANASONIC MODE SWITCH

Original VSS0520
Part No NVSD220, 270,
NVSD420,
NVHD620, 670.
Code VSS0520



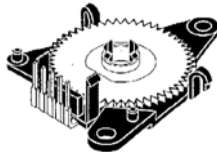
SONY MODE SWITCH

Original 1-762-490-11,
Part No 1-762-076-11
Suit SLVX812,
SLVX822
Code SW9011



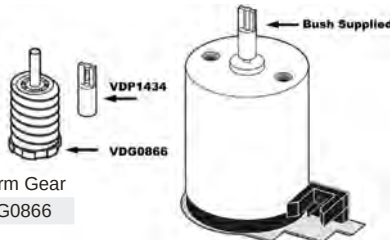
AKAI MODE SWITCH

Original ES387465J
Part No VS422, 425,
VS765, 965,
VSA650, 1100,
VSF10, G11, &
MORE
Code SW3874



PANASONIC LOADING MOTOR

Suit NVSD10, ETC.
Equiv. VEM0427
Code VM0427



BUSH PULLEY / WORM

Description Coupling Worm Gear
Code VDP1434 VDG0866

SHARP CAPSTAN MOTOR

Original RMOTN-2038, 2047,
Part No 2048-GEZZ
14VT10X1,
VCA33, 34, 38, 39,
VCA48, 49, 63, 64,
VCH83, 84, 85, 87,
VR3261, VF22, etc..
Code VM2038

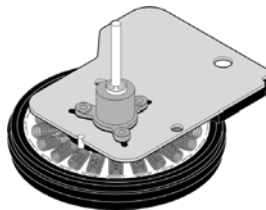


VIDEO MOTORS - SEE ONLINE

WES VCR PARTS CATALOGUE

A comprehensive 100 page VCR Parts Catalogue is available on request.
Hard copy print: **CAT-VCR**
PDF download: www.wes.com.au

Code VCR-CAT



VCR PARTS

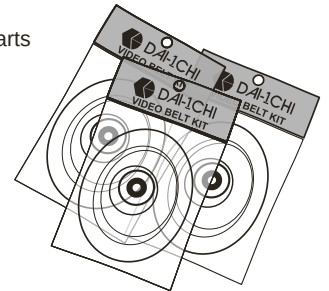


VIDEO BELT KITS - SEE ONLINE

WES VCR PARTS CATALOGUE

A comprehensive 100 page VCR Parts Catalogue is available on request.
Hard copy print order: **VCR-CAT**
PDF download: www.wes.com.au
Search for VCR-CAT

Code VCR-CAT

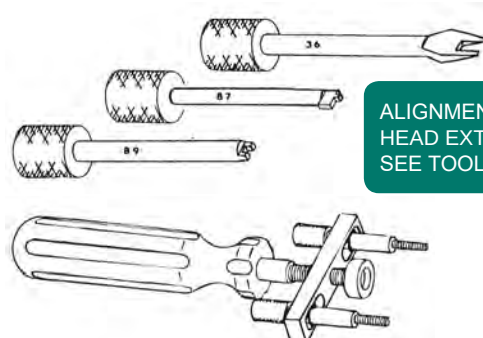


VIDEO HEADS - SEE ONLINE

WES VCR PART ONLINE

Visit us online at www.wes.com.au
search for your VCR model number
Many popular parts are still available
PDF Catalogue, Search online for:

Code VCR-CAT



ALIGNMENT TOOLS
HEAD EXTRACTORS
SEE TOOLS SECTION 07

This is only a sample of the range available. Please visit us online for many more.



□ Television Parts □ CRT Parts

1W HIGH VOLTAGE RESISTORS

METAL FILM 5%

10KVdc 7KVac RMS
18x6.7mm, 25mm pitch
Price is for 1 piece

Value	Code
100KΩ	1FCR100K
150KΩ	1FCR150K
220KΩ	1FCR220K
270KΩ	1FCR270K
390KΩ	1FCR390K
470KΩ	1FCR470K
820KΩ	1FCR820K
1MΩ	1FCR1M
1.2MΩ	1FCR1.2M
1.5MΩ	1FCR1.5M
2.2MΩ	1FCR2.2M
3.3MΩ	1FCR3.3M
4.7MΩ	1FCR4.7M
5.1MΩ	1FCR5.1M
6.8MΩ	1FCR6.8M
8.2MΩ	1FCR8.2M

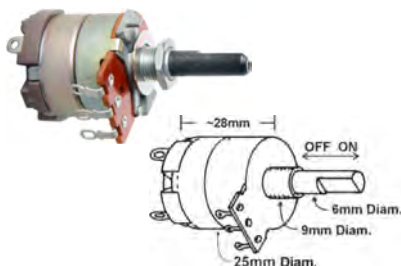


AC POWER SWITCH POTENTIOMETERS

SPDT PULL SWITCH

Potentiometer with pull out two pole switch. as used in older TV's.

Value	Type	Code
5K	Log	VRS105
20K	Log	VRS120
50K	Linear	VRS150
100K	Log	VRS100



HIGH VOLTAGE FOCUS POTS

Value	Code
10MΩ	FCP10M
15MΩ	FCP15M
22MΩ	FCP22M



ANTENNA INPUT TERMINALS

METAL RF SOCKET

Code
J500



PLASTIC RF SOCKET

Code
J510



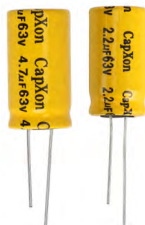
FOR OUR FULL RANGE OF PLUGS & SOCKETS FOR TV
SEE SECTION CABLES & CONNECTORS

BI-POLAR CAPACITORS

RADIAL NON-POLARISED

BP series are wide frequency, high current types.

Value	Volts	Size	Code
2.2μF	63V	13x25	2.2BP63
3.3μF	63V	16x25	3.3BP63
4.7μF	63V	16x32	4.7BP63
6.8μF	63V	16x36	6.8BP63
10μF	63V	18x36	10BP63
15μF	63V	18x41	15BP63



PHILIPS PTC

Popular 3 pin degauss trigger.

Original Part No	Voltage	Current	Code
2322 662 96009,	265V	6mA	PTC10
2322 662 96016,			
2322 662 98009	-	-	PTC12
2322 662 96011,	265V	4mA	PTC14
2322 662 96211,			
2322 662 98011			
2322 662 96022,	265V	1mA	PTC1
2322 662 98018			



PTC BLOCK

As used in CRT-TV
270V - 15mA

2 PIN

Code
PTC22

3 PIN

Code
PTC3

SHARP

Original Part No	Code
RMPTP0085CEZZ	PTC85



BASE:
~18x14mm

PTC POSI-R

PTC Thermistor
Nichicon Posi-R
ZPB53-BL200C

Code
PTC20



SMPS START-UP PTC

Start-up PTC resistor
Used in TV switchmode
Samsung, LG, etc.
P2462-J29, P190,
1404-000182, etc.

Code
PTC182



SHARP VARISTOR

Original Part No	Code
RH-XV0003CEZZ	VX0010



MAGNET CORE INDUCTOR

20"TV 102μH(0.102mH)
Horizontal-linearity coil
Popular TV part used in
many models including
Akai, NEC, Tempest,
Goldstar, etc.

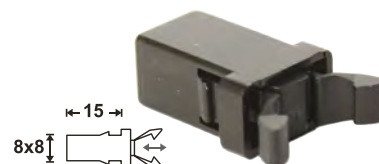
Code
L102



DOOR CATCHER

As used in TV, CD and
other applications.

Code
DL1902



LCD BACKLIGHT SOCKET

SHARP OEM

Inverter board to
Back light tube
connection socket
Original sharp OEM

Code
QSOCFA005





□ Triplers

PHILIPS/ERO EHT TRIPLER

BG1895-641-444/LK/etc.
TVK76, 13-2057, etc. Lead
900mm Replacement type.
DAICHI

Code
TRP4006



ARCADE - HANTAREX POLO EHT LOPT

28020280 HANTAREX POLO 1/2/28,
25" to 28" 15K/24K

Code
EHT7375



PHILIPS PYE KRIESLER

Original part # Code
HR2176 EHT50



COMMODORE EHT LOPT 1084SP1-AU

HR7533 FTR7533
COMMODORE 1084SP1-AU,
PHILIPS CM 12 CGA
& AT2079-37591,
4822-140-10381

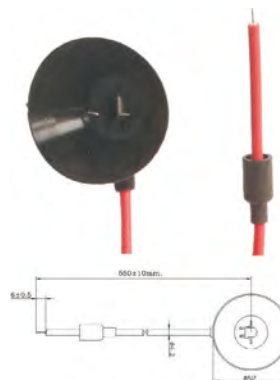
Code
EHT7533



HV LEAD GENERAL PURPOSE

As used in many Asian TVs and
HR-Diemens LOPTs. Solid core
tip for snap-fit or soldering.
SOLDER WIRE

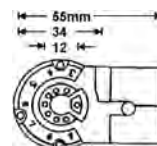
Suit HR-52 4136 COD-008
Length 50cm.
Code HV1663



CRT SOCKET 8 PIN

8 Pins including focus.

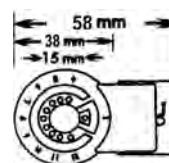
Code
CRT25



CRT SOCKET 10 PIN

10 Pins including focus.

Code
CRT12



□ Repair Assistance & Tools

HIGH-VOLTAGE PROBE

Measures the High Voltage circuits of TV tubes and
magnetrons in microwave ovens. Essential for repair.
Extra safe protection 1GΩ. 40KVp-p. ±2%

Code
HT4944



240Vac VARIAC - VARIABLE AC TRANSFORMER

Technicians Repair/Service Instrument.
240Vac Mains Plug Input with variable
0Vac to 260Vac output. Mechanically
adjustable by an Auto-Transformer
(No isolation).

Code
MP3080



SECURITY TAMPER LABELS

Place over screws and seals to
prevent tampering. Suit repair
shops, etc. Special type sticker
that will not peel off in one go.
Convenient dispenser box.

Type QTY Code
Roll 500 pcs WL500





Service & Repair

□ Fridge Parts

REPLACEMENT REFRIGERATOR WATER FILTER

NSF CERTIFIED WATER FILTER

Enjoy fresh and pure water. NSF certified micro filter.

Reduces bad taste, Chlorine, dirt, rust, odors and other particles.

Replaces filter model No WSF-100. NSF Code No - K3MFC2010F

Fridge Model No - HAFEX/EXP.

Fits to all major brands like Electrolux, Whirlpool, Gibson, LG, Samsung, Frigidaire, Kelvinator, Tappan, General Electric & White-Westinghouse with 1/4" vinyl to copper water supply line.

- Flow Rate- 1.9 lpm.
- Pressure- 207 - 689 kPa.
- Temperature- 1°C - 38°C
- Capacity- 3785L
- Size- 300x65x65mm 225g

Code

DA29-10105J



□ Vacuum Cleaner Parts

FLOOR STAND FOR DYSON® VACUUM CLEANERS

SUITS DYSON® V6 V7 V8 V10 V11 V12 V15

Floor standing design provides a convenient stand without having to wall mount the vacuum cleaner. Store your Dyson® V6, V7, V8, V10, V12 and V15 models. Multiple holders for accommodating different cleaning attachments. Charging cable is neatly hidden keeping an organised appearance.

Code

DYST-01



BATTERIES - See Power & Lighting Section 08

iROBOT & SAMSUNG BATTERIES ARE AVAILABLE

DYSON BATTERY REPLACEMENT MOTORHEAD

Brand.	Dyson
Suit	DC16 Motorhead
Type	Lilon
Volts	21.6V
Power	2.0Ah
Size	74x30x140mm
Code	RBT157



DYSON BATTERY REPLACEMENT DC57

COMPATIBLE WITH AFTER JUNE 2013

Dyson 202932-03

Dyson DC35 DC57 models

Brand.	Dyson
Type	Lilon
Volts	22.2V
Power	2.0Ah
Watt	44.4Wh
Size	76x88x120mm
Code	RBT166



DYSON BATTERY REPLACEMENT V7

Brand.	Dyson
Suit	SV11, V7, Motorhead, Pro, Total Clean, Trigger
Type	Lilon
Volts	21.6V
Power	3.0Ah
Size	122x81x131mm
Code	RBT163



DYSON BATTERY REPLACEMENT DC59

Replacement cordless vacuum cleaner batteries. Suits Dyson DC58, 59, 61, 62 and V6. Rechargeable Li-ion type battery. 21.6V 2Ah.

Brand.	Dyson
Type	Lilon
Volts	21.6V
Power	2.0Ah
Watt	54Wh
Size	76x92x128mm
Code	RBT167



DYSON BATTERY REPLACEMENT V8

Brand.	Dyson
Suit	SV10, V8, Absolute, Cord-Free, Animal, Exclusive, Fluffy
Type	Lilon
Volts	21.6V
Power	4.0Ah
Size	81x120x146mm
Code	RBT165



DYSON BATTERY REPLACEMENT DC35

COMPATIBLE WITH PRE JUNE 2013 MODELS

Brand.	Dyson
Suit	DC31, 34, 35, 44, 45.
Type	Lilon
Volts	22.2V
Power	2.0Ah
Size	76x67x120mm
Code	RBT161

