

Audio Tape Heads

P/N: TH20 Super-Hard Permalloy Cassette Head lasts longer than conventional cassette heads.

- Record/playback
- DC resistance: 230W
- Bias current: 300UA
- Playback output: 2dB
- Impedance: 800W, 30mV, 20KW, 1V
- Interchannel crosstalk: 30dB, 1KH₃, 1V



Flat Rubber Belts (FR)

use PRB system

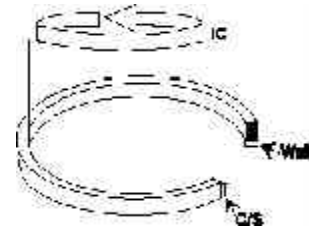
The "FR" (Flat Rubber) belts have been grouped by inside circumference to make it easier for you to choose the best replacement belt.

1. First determine your needed IC (Inside Circumference).
2. Locate the group your IC fits into.
3. Choose the belt that is closest to the needed C/S (Cross Section) and Wall.

End "Wow & Flutter" in sensitive audio equipment!

PRB has incorporated Precision Molded Belts into their Flat Rubber belt line.

Now, all flat belts with a wall of less than .030 are precision molded.



* = While quantities last.

P/N	IC	C/S	WALL	P/N	IC	C/S	WALL	P/N	IC	C/S	WALL
2.0 - 2.9				FRX9.2	9.2	.140	.031	FR13.4*	13.4	.276	.053
FR2.7	2.7	.187	.040	FRW9.2	9.2	.160	.020	FRX13.4*	13.4	.278	.025
FRY2.9	2.9	.100	.031	FRM9.2	9.2	.210	.031	FRQ13.6	13.6	.195	.022
FRX2.9	2.9	.140	.031	FRX9.5	9.4	.100	.034	14.0 - 14.9			
FR2.9	2.9	.250	.031	FRX9.4*	9.4	.140	.034	FRY14.0*	14.0	.138	.031
3.0 - 3.9				FR9.4	9.4	.235	.034	FRM14.0*	14.0	.200	.031
FR3.6	3.6	.195	.032	FRM9.6	9.6	.139	.035	FR14.1*	14.1	.259	.069
4.0 - 4.9				FRW9.6	9.6	.200	.020	FRX14.5	14.5	.310	.059
FR4.2*	4.2	.060	.033	FRX9.7	9.7	.120	.031	FRZ14.5*	14.5	.390	.059
FRX4.3*	4.3	.156	.046	FRM9.7	9.7	.187	.031	FRY14.5	14.5	.470	.059
FR4.6*	4.5	.210	.035	FR9.5*	9.7	.195	.085	FR14.5*	14.5	.550	.059
FRX4.7*	4.7	.105	.035	FRW9.7	9.7	.237	.023	FR14.6*	14.6	.270	.033
5.0 - 5.9				FR9.7	9.7	.250	.041	FRM14.7*	14.7	.200	.040
FRX5.1*	5.1	.090	.031	10.0 - 10.9				15.0 - 15.9			
FR5.1*	5.1	.281	.031	FRW10.1	10.0	.120	.023	FRX15.2	15.1	.187	.033
FRY5.7*	5.7	.075	.020	FRY10.0	10.0	.200	.033	FRM15.2	15.2	.235	.033
FRX5.7	5.7	.150	.031	FR10.0*	10.0	.272	.073	FR15.2*	15.2	.265	.050
FRZ5.7*	5.8	.120	.031	FR10.1*	10.0	.310	.124	FR15.3*	15.3	.390	.040
6.0 - 6.9				FRM10.2	10.2	.210	.031	FR15.9*	15.9	.478	.058
FR5.9*	6.0	.123	.046	FRX10.4*	10.4	.300	.046	16.0 - 16.9			
FRW6.1*	6.1	.100	.023	FR10.4*	10.4	.395	.046	FRZ16.0*	16.0	.320	.058
FRM6.1	6.1	.165	.035	FRX10.5	10.5	.160	.031	FRY16.0*	16.0	.400	.058
FRW6.5	6.5	.150	.020	FRY10.4	10.5	.200	.031	FR16.1	16.1	.281	.058
FR6.4*	6.5	.281	.031	FRM10.5	10.5	.210	.031	FRX16.3	16.3	.158	.040
FRY6.7	6.7	.140	.035	FRW10.6*	10.6	.250	.025	FRM16.3*	16.3	.237	.040
FRX6.7	6.7	.206	.035	FR10.6*	10.6	.250	.125	FRX16.9	16.8	.200	.030
FR6.7*	6.7	.206	.061	FRY10.7	10.7	.170	.025	FR16.9	16.8	.330	.030
FR6.9*	6.9	.315	.030	FRW10.7	10.7	.210	.025	17.0 - 17.9			
7.0 - 7.9				FR10.9*	10.8	.125	.025	FRY17.0	17.0	.275	.030
FRW7.0	7.0	.100	.020	FR10.8	10.8	.238	.038	FR17.0*	17.0	.366	.085
FRM7.0*	7.0	.235	.035	FRX10.9*	10.8	.312	.078	FRY17.2	17.2	.147	.040
FRW7.1	7.1	.160	.025	11.0 - 11.9				FRX17.2	17.2	.275	.040
FRW7.3	7.3	.140	.020	FRX11.0	11.0	.154	.031	FR17.2	17.2	.320	.040
FR7.4*	7.4	.355	.090	FRY11.0*	11.0	.172	.031	18.0 - 18.9			
FRM7.5	7.5	.122	.025	FRM11.0	11.0	.187	.031	FRQ18.2*	18.1	.312	.020
FRX7.5	7.5	.140	.065	FRZ11.0	11.0	.236	.025	FR18.2	18.1	.312	.030
FRZ7.5	7.5	.200	.030	FRX11.2*	11.2	.120	.031	FR18.5*	18.5	.315	.049
FR7.5*	7.5	.340	.103	FRQ11.2	11.2	.236	.022	FRX18.7	18.7	.120	.032
FRW7.7	7.7	.145	.023	FRM11.2	11.2	.254	.031	FR18.7*	18.7	.317	.032
FR7.7	7.7	.187	.031	FRX11.3	11.3	.163	.031	19.0 - 19.9			
FRM7.7	7.7	.210	.027	FRX11.5*	11.5	.156	.031	FRZ19.6	19.6	.156	.031
FR7.8*	7.7	.300	.040	FRM11.5	11.5	.210	.031	FRA19.6	19.6	.200	.027
FRX7.8	7.8	.115	.040	FRY11.5	11.5	.235	.040	FRY19.6	19.6	.310	.027
8.0 - 8.9				FR11.5*	11.5	.395	.040	FR19.6*	19.6	.350	.031
FRW8.0	8.0	.150	.023	FR11.6	11.5	.310	.040	20.0 - 24.9			
FRX8.0	8.0	.160	.035	FR11.9*	11.6	.318	.024	FR20.0	20.0	.185	.035
FRM8.0	8.0	.200	.031	FRZ11.7*	11.7	.065	.031	FRY20.5	20.5	.200	.046
FR8.2	8.2	.160	.020	FRX11.7	11.7	.150	.031	FR20.5*	20.5	.400	.046
FR8.4*	8.4	.270	.040	FRM11.7	11.7	.210	.031	FRX20.7	20.7	.210	.030
FRW8.5	8.5	.150	.023	12.0 - 12.9				FRX21.6	21.6	.205	.050
FR8.8	8.7	.187	.060	FRW12.0	12.0	.245	.023	FR21.6	21.6	.450	.050
FRW8.8	8.8	.185	.023	FRY12.0*	12.0	.250	.045	FRX22.4	22.3	.155	.030
FR8.9*	8.8	.340	.101	FRM12.1	12.1	.210	.031	FRY22.4	22.3	.200	.030
FRX8.9*	8.9	.297	.034	FRZ12.1	12.1	.167	.031	FRY23.6	23.3	.135	.030
9.0 - 9.9				FRX12.5*	12.5	.227	.056	FRX23.6	23.3	.185	.030
FR9.0*	8.9	.230	.041	FR12.5*	12.5	.283	.056	FR23.6	23.3	.210	.030
FRY9.0*	9.0	.075	.031	FRW12.6	12.6	.300	.023	25.0 - 29.9			
FRW9.0	9.0	.100	.025	FRX12.6*	12.6	.322	.032	FRY25.0	25.0	.144	.033
FRX9.0	9.0	.124	.031	FR12.6	12.6	.342	.112	FRX25.0	25.0	.210	.030
FRM9.0	9.0	.210	.031	FRX12.7*	12.7	.160	.031	FR25.0*	25.0	.397	.033
FRW9.1	9.1	.155	.020	FRM12.7*	12.7	.210	.031	50.0 - 50.9			
FRY9.1	Sub with FRW9.1			FRZ12.7*	12.7	.235	.030	FR50.5*	50.5	.375	.093
FRZ9.2*	Sub with FRW9.1			13.0 13.9							
				FRZ13.2*	13.2	.235	.031				
				FRM13.3*	13.3	.205	.031				
				FRY13.4*	13.4	.125	.053				

Round Rubber Drive Belts (O) _____ use PRB system

P/N	IC	C/S	P/N	IC	C/S	P/N	IC	C/S	P/N	IC	C/S
OX5.5*	5.5	.055	OB1.2*	1.2	.103	OB15.6	15.6	.103	OC9.8	9.8	.139
OX5.9	5.9	.047	OB1.5*	1.5	.103	OB17.2	17.2	.103	OC10.5	10.5	.139
OA1.2*	1.2	.070	OB2.2*	2.2	.103	OB18.0*	18.0	.103	OC10.9	10.9	.139
OA2.7*	2.7	.070	OB2.5*	2.5	.103	OB21.1*	21.1	.103	OC11.2	11.2	.139
OA3.1*	3.1	.070	OB3.8*	3.8	.103	OC2.3*	2.3	.139	OC12.1	12.1	.139
OA3.8*	3.8	.070	OB4.4*	4.4	.103	OC2.5	2.5	.139	OC12.4*	12.4	.139
OA4.2	4.2	.070	OB4.6*	4.6	.103	OC2.7	2.7	.139	OC12.8	12.8	.139
OA4.6	4.6	.070	OB5.0*	5.0	.103	OC3.1	3.1	.139	OC13.6	13.6	.139
OA5.0	5.0	.070	OB5.6	5.6	.103	OC3.7	3.7	.139	OC14.0	14.0	.139
OA6.1*	6.1	.070	OB5.8*	5.8	.103	OC3.8	3.8	.139	OC14.4*	14.4	.139
OA6.6*	6.6	.070	OB6.4*	6.4	.103	OC4.0*	4.0	.139	OC14.8*	14.8	.139
OA7.0*	7.0	.070	OB7.0	7.0	.103	OC4.2	4.2	.139	OC15.6*	15.6	.139
OA7.4*	7.4	.070	OB7.2*	7.2	.103	OC4.4	4.4	.139	OC16.0*	16.0	.139
OA8.2*	8.2	.070	OB7.6*	7.6	.103	OC4.6*	4.6	.139	OC16.4*	16.4	.139
OA8.5*	8.5	.070	OB8.0*	8.0	.103	OC5.0*	5.0	.139	OC16.8	16.8	.139
OA9.0	9.0	.070	OB8.2*	8.2	.103	OC5.4*	5.4	.139	OC17.2*	17.2	.139
OA9.4*	9.4	.070	OB8.4*	8.4	.103	OC5.8*	5.8	.139	OC17.5*	17.5	.139
OA10.1	10.1	.070	OB8.5	8.5	.103	OC7.0	7.0	.139	OC18.0	18.0	.139
OA10.9	10.9	.070	OB8.8*	8.8	.103	OC7.4	7.4	.139	OC20.3	20.3	.139
OA11.7	11.7	.070	OB10.9*	10.9	.103	OC8.2	8.2	.139	OC21.9*	21.9	.139
OA12.4*	12.4	.070	OB11.7*	11.7	.103	OC8.5	8.5	.139	OC24.2	24.2	.139
OA14.0*	14.0	.070	OB12.4*	12.4	.103	OC9.0	9.0	.139	OC25.8*	25.8	.139
OA14.8*	14.8	.070	OB13.2	13.2	.103	OC9.4*	9.4	.139			


* While quantities last.

Special Round Rubber Belts (OS) _____ use PRB system

P/N	IC	C/S	P/N	IC	C/S	P/N	IC	C/S	P/N	IC	C/S
OSA4.5*	4.5	.080	OSD1.6*	1.6	.210	OSD8.6*	8.6	.210	OSD14.9*	14.9	.210
OSC7.3*	7.3	.168	OSD3.8*	3.8	.210	OSD9.0*	9.0	.210	OSD16.2*	16.2	.210
OSC10.2*	10.2	.168	OSD4.7*	4.7	.210	OSD10.0*	10.0	.210	OSD19.7	19.7	.210
OSC18.5*	18.5	.139	OSD6.7*	6.7	.210	OSD10.5*	10.5	.210	OSD22.8*	22.8	.210
OSC21.2*	21.2	.170	OSD7.1*	7.1	.210	OSD11.0*	11.0	.210			
OSC22.0*	22.0	.156	OSD8.1*	8.1	.200	OSD11.2*	11.2	.210			
OSC22.8*	22.8	.139	OSD8.2*	8.2	.210	OSD13.4*	13.4	.210			

* While quantities last.

Valu Paks _____

	P/N	P/N	P/N	P/N	P/N
 <p>Valu Paks contain 10 of the same belt or tire in clamshell packaging.</p>	FRW10.7VP	SCA8.1VP	SCQ2.5VP	SCX8.0VP	ST1.016VP
	FRX23.6VP	SCA8.6VP	SCQ3.2VP	SCX8.4VP	ST1.118VP
	FRZ11.0VP	SCA8.9VP	SCQ3.6VP	SCX8.6VP	ST1.130VP
	SCA2.3VP	SCA9.2VP	SCQ4.8VP	SCX8.9VP	ST1.152VP
	SCA3.0VP	SCA10.0VP	SCQ5.3VP	SCX9.2VP	ST1.165VP
	SCA3.2VP	SCA13.6VP	SCQ5.7VP	SCX9.5VP	ST1.205VP
	SCA3.5VP	SCB2.5VP	SCQ6.0VP	SCX15.0VP	ST1.211VP
	SCA4.0VP	SCB2.8VP	SCQ6.5VP		ST1.218VP
	SCA4.2VP	SCB3.2VP	SCX4.6VP	ST.599VP	ST1.230VP
	SCA4.5VP	SCB3.6VP	SCX5.1VP	ST.850VP	ST1.243VP
	SCA5.4VP	SCB8.4VP	SCX7.0VP	ST.985VP	ST1.420VP
	SCA6.7VP	SCB9.5VP	SCX7.4VP	ST1.014VP	
	SCA7.5VP	SCB10.0VP			

Bill Acceptor Belts _____



Brand New Addition to the Product Line!

P/N	IC	C/S	# OF TEETH	MFG.	MFG. P/N	DESCRIPTION
GTV5.3	5.3	.255	70	ROWE	350820-01	Timing Belt for ROWE OBA Machines
GTV5.7	5.7	.236	75	MARS	04-22-162	
GTV6.1	6.1	.236	80	MARS	04-22-137	
GTV7.8	7.8	.190	41	ROWE	350820-02	Timing Belt - Motor Drive for ROWE BA-35 Machines
GTV11.0	11.0	.247	140	ROWE	450772-01	Timing Belt - High Friction for ROWE OBA Machines
GTV17.5	17.5	.255	225	ROWE	B0031946	

P/N	IC	C/S	WALL	MFG.	MFG. P/N	DESCRIPTION
FRFV7.1	7.1	.320	.025	ROWE	251864-01	Drive Belt - Semi Stretch for ROWE BA-35 Machines
FRFV18.5	18.5	.255	.030	ROWE	351149-01	
FRFV20.6	20.6	.255	.030	ROWE	B0031956	
FRCV11.1	11.1	.255	.030	ROWE	351186-01	Drive Belt - Clear for ROWE CBA and OBA Machines

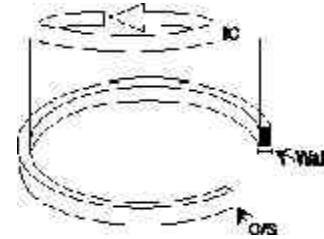
Square Cut Rubber Belts (SC) _____ use PRB system

As shown, the PRB number shows the type of belt (SC = Square Cut), cross section and inside circumference as measured by the MEASUR-A-BELT II.

Examples: SCY4.0 = .039 or less x 4.0" IC
 SCX4.0 = .040 - .049 x 4.0" IC
 SCQ4.0 = .050 - .064 x 4.0" IC

SCA4.0 = .065 - .079 x 4.0" IC
 *SCB4.0 = .080 - .094 x 4.0" IC
 *SCC4.0 = .095 & up x 4.0" IC

*This P/N does not exist.



P/N	IC	C/S	WALL	P/N	IC	C/S	WALL	P/N	IC	C/S	WALL
SCY1.2	1.2	.030	.030	SCX12.2	12.2	.045	.047	SCA12.0	12.0	.066	.066
SCY1.5	1.5	.030	.025	SCX13.6	13.6	.050	.045	SCA12.5	12.5	.064	.064
SCY2.2	2.2	.032	.032	SCX14.0	14.0	.047	.047	SCA13.0	13.0	.078	.078
SCY2.9	2.9	.032	.032	SCX14.5	14.5	.043	.043	SCA13.2	13.2	.075	.075
SCY3.2	3.2	.039	.039	SCX14.7	14.7	.048	.048	SCA13.6	13.6	.070	.070
SCY3.5	3.5	.036	.036	SCX15.0	15.0	.048	.048	SCA14.1	14.1	.079	.079
SCY4.0	4.0	.040	.040	SCX15.2	15.2	.045	.045				
SCY4.2	4.2	.034	.035	SCX15.5	15.5	.047	.047	SCB2.3	2.3	.091	.108
SCY4.4	4.4	.034	.035	SCX16.0	16.0	.048	.048	SCB2.5	2.5	.085	.085
SCY4.6	4.6	.033	.033	SCX17.7*	17.7	.045	.045	SCB2.6	2.6	.089	.091
SCY4.8*	4.8	.035	.036	SCX18.5*	18.5	.049	.049	SCB2.8	2.8	.079	.079
SCY5.0	5.0	.040	.040	SCX20.7*	20.7	.046	.046	SCB3.2	3.2	.083	.100
SCY5.2	5.2	.035	.035					SCB3.6	3.6	.090	.090
SCY5.5*	5.5	.036	.036	SCQ2.0	2.0	.063	.063	SCB3.8	3.8	.081	.081
SCY5.7	5.7	.039	.039	SCQ2.2	2.2	.055	.055	SCB4.2	4.2	.097	.097
SCY6.0	6.0	.035	.035	SCQ2.5	2.5	.060	.060	SCB5.7	5.7	.078	.078
SCY6.3	6.3	.035	.035	SCQ3.0	3.0	.056	.056	SCB6.0	6.0	.100	.100
SCY6.5	6.5	.036	.036	SCQ3.2	3.2	.068	.068	SCB6.6	6.6	.083	.083
SCY6.7	6.7	.035	.035	SCQ3.6	3.6	.059	.059	SCB6.7	6.7	.090	.090
SCY7.0	7.0	.031	.034	SCQ4.0	4.0	.057	.057	SCB6.9	6.9	.085	.085
SCY7.3	7.3	.035	.035	SCQ4.3	4.3	.065	.065	SCB7.0	7.0	.100	.100
SCY7.5	7.5	.038	.038	SCQ4.6	4.6	.057	.057	SCB7.1	7.1	.085	.085
SCY7.8*	7.8	.031	.040	SCQ4.8	4.8	.062	.063	SCB8.1	8.1	.100	.100
SCY8.0	8.0	.031	.031	SCQ5.1	5.1	.062	.062	SCB8.2	8.2	.087	.087
SCY8.2	8.2	.038	.038	SCQ5.3	5.3	.059	.059	SCB8.4	8.5	.080	.080
SCY8.6	8.6	.039	.039	SCQ5.6	5.6	.051	.051	SCB8.6	8.6	.100	.100
SCY9.0	9.0	.040	.040	SCQ5.7	5.7	.061	.061	SCB9.2	9.2	.086	.086
SCY9.2	9.2	.035	.035	SCQ6.0	6.0	.050	.050	SCB9.5	9.5	.084	.084
SCY10.2	10.2	.035	.031	SCQ6.5	6.5	.063	.063	SCB9.8	9.8	.098	.099
SCY10.5	10.5	.031	.031	SCQ6.7	6.7	.055	.055	SCB10.0	10.0	.078	.078
SCY11.7	11.7	.039	.038	SCQ7.2	7.2	.063	.063	SCB10.5	10.5	.093	.093
SCY12.7*	12.7	.040	.031	SCQ7.8	7.8	.065	.065	SCB11.3	11.3	.100	.100
SCY13.3*	13.3	.031	.031	SCQ8.0	8.0	.058	.058	SCB11.6	11.6	.087	.087
SCY14.7	14.7	.040	.040	SCQ8.2	8.2	.062	.062	SCB12.1	12.1	.078	.083
SCY15.2	15.2	.035	.033	SCQ8.8	8.8	.051	.051	SCB12.5	12.5	.078	.078
SCY16.3	16.3	.040	.040	SCQ9.8	9.8	.064	.064	SCB14.0	14.0	.099	.099
SCY16.8*	16.8	.040	.040	SCQ10.0	10.0	.053	.052	SCB14.6	14.6	.086	.085
				SCQ11.1	11.1	.059	.057	SCB16.6*	16.6	.075	.075
				SCQ15.9	15.9	.060	.058	SCB17.0*	17.0	.085	.085
SCX1.9	1.9	.040	.040					SCB18.1*	18.1	.093	.093
SCX2.4	2.4	.044	.044	SCA2.3	2.3	.065	.065	SCB21.2*	21.2	.093	.093
SCX2.6	2.6	.041	.039	SCA3.0	3.0	.074	.074	SCB24.2*	24.2	.113	.109
SCX2.9	2.9	.046	.046	SCA3.2	3.2	.075	.075	SCB28.2*	28.2	.109	.109
SCX3.2	3.2	.046	.046	SCA3.5	3.4	.074	.074				
SCX3.5	3.5	.042	.042	SCA4.0	4.0	.068	.068	SCC3.0	3.0	.100	.100
SCX4.0	4.0	.047	.047	SCA4.2	4.2	.072	.072	SCC4.3*	4.3	.096	.096
SCX4.3	4.3	.045	.045	SCA4.5	4.5	.070	.070	SCC4.6*	4.6	.112	.104
SCX4.6	4.6	.046	.046	SCA5.0	5.0	.075	.075	SCC6.1*	6.1	.100	.110
SCX4.9	4.9	.045	.045	SCA5.4	5.4	.070	.070	SCC6.3*	6.3	.110	.110
SCX5.1	5.1	.048	.048	SCA5.6	5.6	.078	.078	SCC6.6*	6.6	.130	.140
SCX5.5	5.5	.043	.043	SCA6.1	6.1	.079	.079	SCC7.5*	7.5	.125	.103
SCX5.8	5.8	.047	.047	SCA6.7	6.7	.075	.074	SCC8.2*	8.2	.163	.120
SCX6.2	6.2	.050	.050	SCA7.1	7.1	.075	.075	SCC8.7*	8.7	.125	.125
SCX7.0	7.0	.047	.045	SCA7.5	7.5	.080	.080	SCC9.6*	9.6	.145	.145
SCX7.4	7.4	.048	.048	SCA8.1	8.1	.070	.070	SCC10.0	10.0	.141	.125
SCX8.0	8.0	.046	.046	SCA8.6	8.6	.070	.070	SCC12.1	12.1	.108	.101
SCX8.4	8.4	.050	.048	SCA8.9	8.9	.075	.075	SCC12.6	12.6	.090	.090
SCX8.6	8.6	.044	.048	SCA9.2	9.2	.075	.075	SCC14.1*	14.1	.137	.137
SCX8.9	8.9	.050	.046	SCA9.6	9.6	.065	.065	SCC15.7*	15.7	.095	.095
SCX9.2	9.2	.048	.048	SCA10.0	10.0	.069	.069	SCC17.8*	17.8	.120	.120
SCX9.5	9.5	.048	.048	SCA10.5	10.5	.075	.075	SCC24.3*	24.3	.125	.125
SCX10.5	10.5	.048	.048	SCA11.1	11.1	.064	.063	SCC28.7*	28.7	.130	.130
SCX10.7	10.7	.046	.048	SCA11.5	11.5	.065	.065	SCC31.2*	31.0	.125	.128
SCX11.8	11.8	.048	.048								

* = While quantities last.

NEW 5 PACKS



Brand New Addition to the Product Line!

Our most popular Square Cut Belts in New 5 Packs!!
Packaged in resealable clamshells for easy storage and convenience.

P/N	IC	C/S	WALL	P/N	IC	C/S	WALL	P/N	IC	C/S	WALL
PKSCA2.3	2.3	.065	.065	PKSCB2.5	2.5	.085	.085	PKSCX4.0	4.0	.047	.047
PKSCA3.0	3.0	.074	.074	PKSCB2.8	2.8	.079	.079	PKSCX4.6	4.6	.046	.046
PKSCA3.2	3.2	.075	.075	PKSCB3.2	3.2	.083	.100	PKSCX4.9	4.9	.045	.045
PKSCA3.5	3.4	.074	.074	PKSCB3.6	3.6	.090	.090	PKSCX5.1	5.1	.048	.048
PKSCA4.0	4.0	.068	.068	PKSCB3.8	3.8	.081	.081	PKSCX6.2	6.2	.050	.050
PKSCA4.2	4.2	.072	.072	PKSCB8.4	8.5	.080	.080	PKSCX7.0	7.0	.047	.045
PKSCA4.5	4.5	.070	.070	PKSCB8.6	8.6	.100	.100	PKSCX7.4	7.4	.048	.048
PKSCA5.4	5.4	.070	.070	PKSCB9.5	9.5	.084	.084	PKSCX8.0	8.0	.046	.046
PKSCA6.1	6.1	.079	.079	PKSCB10.0	10.0	.078	.078	PKSCX8.4	8.4	.050	.048
PKSCA6.7	6.7	.075	.074					PKSCX8.6	8.6	.044	.048
PKSCA7.5	7.5	.080	.080	PKSCQ2.5	2.5	.060	.060	PKSCX8.9	8.9	.050	.046
PKSCA8.1	8.1	.070	.070	PKSCQ3.2	3.2	.068	.068	PKSCX9.2	9.2	.048	.048
PKSCA8.6	8.6	.070	.070	PKSCQ3.6	3.6	.059	.059	PKSCX9.5	9.5	.048	.048
PKSCA8.9	8.9	.075	.075	PKSCQ4.8	4.8	.062	.063	PKSCX15.0	15.0	.048	.048
PKSCA9.2	9.2	.075	.075	PKSCQ5.3	5.3	.059	.059	PKSCX16.0	16.0	.048	.048
PKSCA13.6	13.6	.070	.070	PKSCQ5.6	5.6	.051	.051				
				PKSCQ5.7	5.7	.061	.061	PKSCY5.2	5.2	.035	.035
				PKSCQ6.0	6.0	.050	.050				
				PKSCQ6.5	6.5	.063	.063				

Measur-A-Belt II

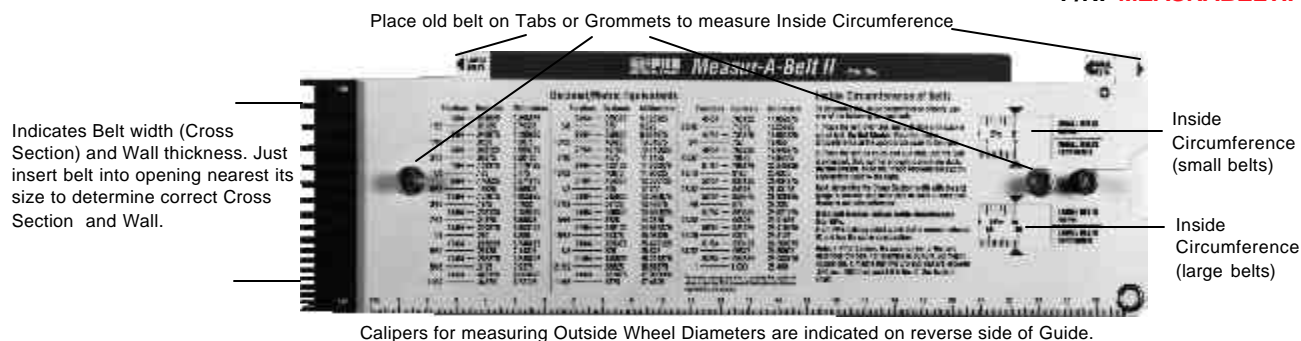
HERE'S HOW THE PRB BELT SYSTEM WORKS

PRB Line® provides an exclusive and easy to use Measur-A-Belt Guide. Simply measure the old belt by putting it on the Measur-A-Belt Guide (use either the tabs at the top or the metal grommets). The Guide will determine the inside circumference (IC) of the belt in both inches and centimeters. You should then deduct 5%-10%* from that measurement and use that size as an approximate guide for the new replacement belt. The Guide also helps you determine the width (Cross Section) of the belt in inches and/or centimeters. This information is contained in the PRB Line part number.** With the information provided by the Measur-A-Belt Guide, you can find the replacement belt just by checking the PRB Line Belt listing in the catalog. By using this exclusive numbering system you know the new PRB Line Belt is exactly the right belt to replace the old one.

* Deducting 5%-10% from the original belt allows for possible "stretch" of an old belt and assures a snug fit of the new belt.

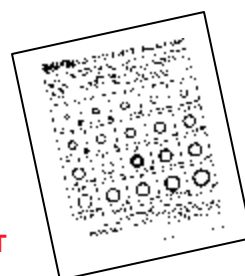
** Exceptions to this include the OS, GT, VT & RF belts.

P/N: **MEASRABELTII**



Video Clutch Tire Sizing Chart

The **VIDEO CLUTCH TIRE SIZING CHART** has been developed to help you quickly identify Video Clutch Tires and find the correct PRB Line® replacement. Simply place your original tire on the circle that matches the tire's inside and outside diameter. You can also use the chart to size the cross section (height) and wall (thickness). Find your replacement in seconds without any special tools! Offered as another service to you - there is **no charge** for the Video Clutch Tire Sizing Chart. Ask for it when you place your next order.



P/N: **TIRE CHART**

Video Clutch Tires _____ PRB system does not apply

P/N	OD	C/S	WALL	P/N	OD	C/S	WALL	P/N	OD	C/S	WALL
ST.253*	.253	.320	.065	ST.948	.950	.140	.085	ST1.185	1.185	.100	.130
ST.390	.390	.225	.100	ST.970	.970	.160	.208	ST1.211	1.201	.120	.160
ST.453*	.453	.155	.078	ST.977	.977	.118	.130	ST1.208	1.208	.120	.098
ST.463	.463	.084	.052	ST.988	.988	.158	.117	ST1.22	1.218	.177	.138
ST.470	.468	.140	.072	ST.985	1.001	.107	.090	ST1.205	1.229	.140	.107
ST.495*	.495	.305	.105	ST1.016	1.016	.114	.135	ST1.230	1.230	.125	.125
ST.515	.515	.190	.085	ST1.014	1.017	.132	.133	ST1.243	1.243	.125	.120
ST.599	.600	.120	.105	ST1.19	1.040	.187	.140	ST1.218	1.264	.108	.150
ST.670	.667	.122	.115	ST1.115	1.060	.243	.130	ST1.28*	1.274	.065	.125
ST.675	.675	.238	.111	ST1.110	1.093	.191	.126	ST1.31*	1.310	.155	.185
ST.685	.685	.130	.095	ST1.121*	1.109	.077	.077	ST1.330	1.321	.119	.123
ST.689	.689	.117	.061	ST1.113	1.110	.155	.130	ST1.350	1.360	.160	.110
ST.707*	.710	.190	.179	ST1.118	1.122	.120	.105	ST1.370	1.370	.125	.203
ST.752	.749	.158	.121	ST1.130	1.130	.120	.130	ST1.495	1.415	.155	.130
ST.773*	.751	.094	.094	ST1.191*	1.151	.190	.128	ST1.46	1.459	.126	.125
ST.753	.753	.158	.105	ST1.152	1.152	.102	.118	ST1.420	1.500	.155	.165
ST.771	.768	.087	.064	ST1.156	1.156	.160	.126	ST1.580*	1.580	.114	.127
ST.776*	.776	.195	.103	ST1.165	1.170	.115	.125	ST1.53	1.590	.158	.130
ST.790*	.790	.160	.125	ST1.160	1.170	.187	.125	ST1.935*	1.940	.200	.170
ST.850	.850	.110	.125	ST1.174*	1.174	.195	.120	ST2.48*	2.480	.139	.095
ST.925	.925	.190	.127	ST1.182*	1.180	.200	.125	ST3.63*	3.630	.250	.125
ST.927	.927	.118	.127								

Square Cut Molded Tires (Bands) _____ PRB system does not apply

P/N	OD	C/S	WALL	P/N	OD	C/S	WALL	P/N	OD	C/S	WALL
ST.128*	.130	.160	—	STC.730*	.730	.157	.125	ST.965*	.968	.120	.091
ST.365*	.365	.300	.090	STC.740	.740	.085	.110	STC.980	.980	.082	.118
STC.441	.440	.114	.075	STC.743	.742	.100	.083	STC.984	.984	.066	.117
STC.449	.449	.084	.113	STC.774	.750	.080	.103	ST.999*	.999	.080	.115
STC.450	.450	.073	.062	STC.881*	.760	.068	.090	STC1.00*	1.000	.220	.140
STC.561	.470	.180	.103	STC.782	.760	.075	.109	ST1.21*	1.015	.062	.086
STC.484	.484	.072	.093	ST.785*	.760	.160	.125	STC1.30*	1.030	.140	.128
STC.502	.500	.125	.094	STC.760*	.760	.220	.180	STC1.02	1.035	.080	.140
STC.505	.500	.210	.125	STC.762*	.762	.077	.110	STC1.06*	1.036	.080	.155
ST.525	.510	.054	.045	STC.770*	.770	.200	.110	STC1.17	1.050	.072	.135
ST.562	.530	.191	.142	STC.778	.778	.117	.094	STC1.12*	1.050	.180	.180
ST.536	.536	.070	.103	STC.780	.780	.335	.080	STC1.057	1.057	.086	.145
STC.570	.570	.110	.105	STC.788	.788	.075	.156	STC1.60*	1.057	.180	.090
STC.589	.570	.125	.080	STC.795	.795	.077	.085	STC1.14*	1.070	.190	.204
ST.585*	.585	.155	.100	STC.563	.810	.125	.110	STC1.20	1.120	.245	.145
STC.591	.591	.086	.086	STC.816	.816	.101	.104	STC1.07	1.140	.192	.078
STC.594	.594	.080	.100	STC.823	.823	.060	.107	STC.951	1.165	.075	.120
STC.600	.600	.055	.087	STC.840	.828	.145	.045	ST1.18	1.190	.100	.105
STC.592	.602	.367	.103	ST.828	.828	.196	.070	ST1.24*	1.218	.163	.256
STC.605	.605	.287	.080	ST.870	.830	.525	.140	STC.735	1.240	.500	.255
STC.645	.610	.102	.158	ST.954*	.840	.070	.110	STC1.25	1.250	.255	.139
STC.610	.610	.760	.180	STC.843	.843	.325	.200	STC1.26	1.274	.180	.100
STC.615	.615	.140	.110	STC.825	.845	.750	.155	STC1.55	1.400	.115	.150
STC.620	.620	.075	.120	ST.815	.855	.140	.165	ST1.41	1.415	.143	.164
STC.624	.625	.099	.105	STC.882*	.880	.150	.150	STC1.50*	1.450	.075	.110
STC.638	.638	.054	.093	ST.880*	.880	.210	.150	ST1.48*	1.475	.614	.087
STC.684	.640	.170	.120	STC.937X	.915	.090	.070	ST1.86*	1.750	.120	.160
STC.643	.643	.061	.036	ST.949*	.927	.141	.200	STC1.75	1.750	.186	.160
STC.641*	.660	.052	.135	STC.952*	.935	.050	.110	ST1.77*	1.780	.187	.082
STC.647	.662	.080	.080	STC.953*	.953	.076	.169	STC1.61	1.850	.185	.175
STC.679	.680	.077	.085	STC.955*	.955	.066	.080	STC1.93*	1.905	.190	.160
STC.703A	.703	.160	.109	ST.750	.956	.066	.102	ST2.36*	2.385	.120	.150
STC.703	.703	.187	.109	STC.975	.960	.080	.074	STC2.16	2.399	.184	.125
ST.720*	.719	.473	.065	ST.937*	.965	.090	.115	ST2.66*	2.590	.187	.218
ST.719*	.719	.540	.062								

STC = Special Order Tire
* While quantities last

Audio/Audio Visual Kits

P/N: **CAROUSEL KIT**

This is a complete Belt Rebuilding Kit for all Kodak Carousel projectors.

PRB #	KODAK #
OC8.2	178837
OC7.4	178838

Multi-Purpose PRB Line Maintenance Kits (VCRKT)

Our convenient **Multi-Purpose VCR Maintenance Kits** are an easy way to stock frequently used belts and tires. Labeled with PRB Part Numbers and specifications... these kits contain a mixture of popular VCR belts and tires. Packaged in a reusable, clear styrene container. Have the parts you need right away, saving you both **TIME** and **MONEY**!

Easily restocked with PRB Line belts and tires!

**30 TOTAL
PIECES !**

VCRKT6



Popular Belts for:

Fisher/Sanyo, Hitachi, Mitsubishi, Panasonic and RCA

Includes **5** each of the following:

SCA3.0	SCA4.2	SCA6.7
SCA3.2	SCA4.5	SCA8.9

**30 TOTAL
PIECES !**

VCRKT12



Popular Belts & Tires for:

Fisher/Sanyo, Panasonic, RCA, & Sharp

Includes **5** each of the following:

ST.685	ST1.016	ST1.160	ST1.230
ST.985	ST1.118	ST1.165	ST1.330
ST1.014	ST1.130	ST1.211	ST1.350

**60 TOTAL
PIECES !**

VCRKT7



Popular Belts & Tires for:

Fisher/Sanyo

Includes **5** each of the following:

ST.390	ST1.118	SCA2.3	SCQ5.3
ST.685	ST1.130	SCA3.2	SCA8.1
ST.985	ST1.420	SCA4.2	SCA8.9

**30 TOTAL
PIECES !**

VCRKT16



Popular Tires for:

Emerson/Mitsubishi, NEC/Lloyds, Samsung, Sears, Toshiba and Zenith

Includes **5** each of the following:

ST.599	ST.948	ST1.205
ST.927	ST.985	ST1.211

**30 TOTAL
PIECES !**

VCRKT8



Popular Belts & Tires for:

Panasonic (Matsushita)

Includes **5** each of the following:

ST1.014	ST1.230	SCB2.5	SCQ9.8
ST1.160	ST1.330	SCA3.0	SCB10.0
ST1.165	ST1.370	SCQ6.5	FRZ11.0

PRB Line Maintenance Kits (VCRKT)

Convenient packages of the most widely replaced mechanical VCR parts

Hitachi

VCRKT100*

SCB2.5	Subload Belt	#6356091
SCA3.0	Subload Belt	#6355591
SCA3.2	Load Belt	#6355601
SCQ5.3	Reel Belt	#6355561
FRZ11.0	Capstan Belt	#6357531
SCA13.6	FF/Rew Belt	#6355581
VA40	T/U Idler	#6886971
VA49	Clutch Assy	#6889931
	(Includes another SCQ5.3)	
VPR18	Pinch Roller	#6383763

FITS MODELS:

VT-11A, 11AR, 12AX, 12AY, 15A, 16A, 16AY, 18A, 19A, 33A, 34A, 35A, 43AY, 44AY, 45AY, 60A, 61A, 62A, 63A, 64A, 65A, 71A, 74AY, 76AY, 78AY, 86A, 87A, 88A, 330AW

* Similar to Hitachi X480049

Emerson & Scott

VCRKT102

SCB2.5	Load Belt	#850P600125
SCB8.4	Reel Belt	#850P600124
VA501	Idler Assy	#850A200004
VA551	Idler Assy	#850A200005
VPR17	Pinch Roller	#850A00041

FITS MODELS:

VCR-754, 755, 870H, 870I, 872, 873, 875, 951A, 952, 953, 1000; VCS-966A, 966HA, 977/A
Scott: SVR-115, 122, 160, 200SC, 504SC

NEC

VCRKT103

SCQ2.5	Load Belt	#16441731
SCQ3.6	Load Belt	#16629251
SCA8.6	Drive Belt	#16442161
VA80	Idler Assy	#16178179
VPR14	Pinch Roller	#16178361

FITS MODELS:

N-901EU, 902U, 911U/EU, 912U, 915U, 916U, 917U, 925U/C, 926U, 930U, 932U, 946U, 951U/C, 955U/C, 956U, 961U, 965U, 966U

Mitsubishi

VCRKT104

SCB3.8 (2)	Load Belt	#521D049010
SCB9.5	Reel Belt	#521D053010
VA96	Idler Assy	#522B017010
VA97	Idler Assy	#522B018010
VPR3	Pinch Roller	#522C055010

FITS MODELS:

HS-328UR, 337UR, 338UR, 339UR, 347UR, 348UR, 349UR, 359UR, 402UR, 411UR, 412UR, 413UR, 421UR, 422UR, 423UR, HS-3281UR, 3283UR, 3371UR, 3372UR, 3373UR, 3381UR, 3391UR, 3392UR, 3393UR, 3445UR, 3471UR, 3472UR, 3473UR, 4111UR, 4112UR, 4113UR, HS-U20, U30, U50, U70, U80
Scott: SVR-110

VCR Belt Kits (VKT)

VKT7

SCQ4.8 Play	SCA8.6 Ctr
SCX5.5 T/U	
Used in: Hitachi VCRs	

VKT14

ST.707 Tire, T/U	SCB8.1 Load 2
ST1.54 Tire, Rwd	OA10.9 Ctr 3
SCA3.0 Load 1	FR11.5 Relay
SCX5.1 Ctr 1	FR17.2 Drum
OC5.8 Idl/Pulley	FR20.5 Cap
SCQ6.0 Ctr 2	OSC21.2 Reel
Used in: JVC VCRs	

VKT16

SCY4.0 (uses 2)	FR9.4 Drive
SCB5.7 Load	FR11.5 Cap
FR6.9 Relay	SCC12.1 Reel
SCX9.5 Ctr	
Used in: JVC VCRs	

VKT18

SCA3.0 Load	SCQ9.8 Reel B
SCX3.2* Ctr	FRW12.6 Cap
OX5.5 Ctr	SCB14.0 Reel A
SCX8.6 Ctr	
Used in: Panasonic, RCA, JC Penney & other VCRs	

VKT19

SCA3.0 Load	SCQ9.8 Reel B
SCX3.2* Ctr	FRW12.6 Cap
SCX8.0 Ctr B	SCB14.0 Reel A
SCX8.6 Ctr A	
Used in: Magnavox, Panasonic & Quasar VCRs	

VKT38

SCA3.0 Load	SCQ9.8 Reel
SCX4.3 Belt	FRW12.6 Cap
SCA7.5 Servo	SCB14.0 Reel
SCX8.6 Ctr	
Used in: Panasonic VCRs	

VKT58

SCX4.6 Fwd	SCX9.2 Ctr
SCQ5.3 Relay	FRM11.0 Cap
SCQ7.2 Thread	
Used in: Sony VCRs	

VKT59

SCX4.0 Fwd	SCY11.7 Ctr
SCA10.5FF	SCX11.8 Eject
FRQ11.2 Cap	SCB14.6 Thread
Used in: Sony & Zenith VCRs	

VKT60

SCA3.2 (uses 2)	SCQ7.2 Idl
SCX4.0 Fwd	FR11.6 Cap
SCA6.1 Relay	SCY11.7 Ctr
Used in: Sony & Zenith VCRs	

VKT84

SCY3.2 Ctr B	SCQ6.5 Play
SCX3.5 Ctr B	SCX8.6 Ctr A
SCA4.5 Load 1	SCA13.2 Load 2
Used in: JC Penney, Panasonic, Quasar, RCA, & other VCRs	

VKT85

SCY4.2 Ctr B	FR11.9 Cap
SCA4.5 Load 1	SCC12.1 FF
SCY7.5 Ctr A	SCA13.2 Load 2
Used in: JC Penney, Magnavox, Panasonic, RCA & other VCRs	

VKT86

SCY4.4 Ctr B	SCY7.5 Ctr A
SCA4.5 Load 1	SCA13.2 Load 2
SCB7.1 Kick Pulley	
Used in: RCA VCRs	

VKT88

SCA3.0 Load	SCY7.5 Ctr A
SCY4.0 Ctr	FRW12.0 Cap
SCA4.5 Load	SCA13.2 Load
SCY5.0 Ctr B	SCB14.0 FF
Used in: JC Penney, Panasonic, Quasar, RCA & other VCRs	

VKT93

SCY4.0 Ctr B	SCB7.1 Kick Pull
SCX4.3 Ctr B	SCY7.5 Ctr A
SCA4.5 Load 1	SCA13.2 Load 2
Used in: JC Penney, Magnavox, Panasonic, Quasar & other VCRs	

VKT100

SCA2.3 (uses 2)	SCX4.6 Reel
SCA3.2 Load	
Used in: JC Penney, RCA, Hitachi & other VCRs	

VKT101

SCA3.2 Load	SCY5.0 Ctr
SCB4.2 Reel	SCY6.5 Ctr
SCA4.5 Reel	
Used in: Sanyo VCRs	

* = Replacement for the original 'O' ring belt.

VCR Belt Kits (VKT)

VKT102

SCA2.3 Load **SCA3.2** Reel
Used in: Sanyo & Sears VCRs

VKT105

SCY4.2 Ctr **SCQ5.6** Drive
SCQ4.8 Cap **SCA8.6** Load
Used in: RCA VCRs

VKT107

SCA4.5 Load **FRW12.0** Cap
SCX4.9 Ctr **SCA13.2** Load 2
SCY6.3 Ctr **SCB14.0** FF
Used in: JC Penney, Magnavox,
Panasonic, & other VCRs

VKT111

SCB6.6 Load **FR10.8** Cap
SCA8.9 Reel
Used in: Emerson VCRs

VKT113

SCA3.0 Load 2 **FRZ11.0** Cap
SCA3.2 Load 1 **SCA13.6** Reel B
SCQ5.3 (uses 2)
Used in: General Electric, Hitachi,
RCA, Sears & other VCRs

VKT117

SCA2.3 Reel **SCA3.2** Load
SCA3.0 Load
Used in: Sanyo VCRs

VKT120

SCA2.3 Reel **SCA3.2** (uses 2)
Used in: Sanyo VCRs

VKT121

ST.925 Tire, Idler **SCQ7.2** Thread
SCX4.6 Fwd **SCX9.2** Ctr
SCQ5.3 Relay **FRM11.0** Cap
Used in: Sony VCRs

VKT123

SCX3.5 Ctr B **SCA7.5** Load
SCX4.6 Ctr A
Used in: RCA VCRs

VKT124

SCQ3.6 Mode **SCY7.5** Ctr 1
SCY4.0 Ctr 2 **FRW10.7** Cap
SCY5.7 Reel
Used in: JVC VCRs

VKT127

SCA4.5 Load **FRW12.0** Cap
SCA5.4 Load **SCB12.5** Load
SCX6.2 Ctr **SCB14.0** FF
Used in: Panasonic, Quasar,
JC Penney, & other VCRs

VKT131

SCB6.6 Load **SCA8.9** Reel
FR8.8 Belt **FR10.8** Cap
Used in: Emerson & Mitsubishi VCRs

VKT132

SCA4.2 Load **SCQ5.6** Pulley
FRW9.7 Cap
Used in: Emerson VCRs

VKT137

SCA4.5 Load **SCB12.5** Load
SCX6.2 Load **SCB14.0** FF
FRW12.0 Cap
Used in: JC Penney, Magnavox,
Panasonic, Quasar & other VCRs

VKT139

SCX2.6 Ctr B **SCY7.5** Ctr A
SCB2.8 Load **FRW9.7** Cap
Used in: Sharp VCRs

VKT147

SCA4.2 Load **SCA8.9** Drive
SCA8.1 Cass
Used in: Fisher & Sears VCRs

VKT148

SCA3.5 Load **FRY10.4** Cap
SCX4.9 Ctr A **SCB14.0** Rwd
Used in: Sharp VCRs

VKT150

SCQ2.5 Load **SCY5.2** Ctr
SCB3.2 Load **FRW9.7** Cap
SCX5.1 Ctr
Used in: Sharp VCRs

VKT151

SCX4.9 Ctr **FRW9.7** Cap
SCQ6.0 Ctr
Used in: Sharp VCRs

VKT152

SCB2.5 Load **SCY5.2** Ctr B
SCB3.2 Load **FRW9.7** Cap
SCY5.0 Ctr A
Used in: Sharp VCRs

VKT155

SCA3.2 **FRW10.7**
SCY4.2 **SCA10.5**
SCX4.6
Used in: Montgomery Ward VCRs

VKT156

SCQ6.5 Load **SCB10.0** Cap
Used in: General Electric, Magnavox,
Panasonic, Quasar & other VCRs

VKT157

SCX4.6 Ctr **SCA7.5** Load
Used in: Fisher VCRs

VKT158

SCA4.2 Load **SCA8.9** Drive
Used in: Fisher & Sears VCRs

VKT159

SCA3.0 Ctr **SCA8.9** Drive
SCA4.2 Load
Used in: Fisher VCRs

VKT160

SCB2.5 Load **FRZ11.0** Cap
SCA3.2 Load **SCA13.6** Reel
SCQ5.3 (uses 2)
Used in: Hitachi, JC Penney,
RCA, & Sears VCRs

VKT161

SCB2.5 Load **SCB10.0** Cap
SCQ6.5 Load
Used in: General Electric, JC Penney,
Magnavox, Panasonic, Quasar & other
VCRs

VKT162

SCA4.2 Load **SCA8.9** Drive
SCA5.4 Cass
Used in: Fisher VCRs

VKT163

SCA3.0 Load **SCB8.4** Drive
Used in: Fisher & Sanyo VCRs

VKT164

SCA3.0 Load **SCA6.7** Reel
Used in: Fisher & Sanyo VCRs

VKT165

SCX2.9* Ctr B **SCQ9.8** Reel B
SCA3.0 Load **FRW12.6** Cap
OX5.5 Ctr B **SCB14.0** (uses 2)
SCX8.6 Ctr A
Used in: Magnavox, Panasonic,
Quasar, RCA & other VCRs

VKT166

SCQ5.7 Load **SCB10.0** Cap
Used in: Goldstar & JC Penney VCRs

VKT167

SCA2.3 Control **SCB5.7** Cass
Used in: JVC & Zenith VCRs

VKT168

SCB3.8 (uses 2) **SCB9.5** Reel
Used in: Mitsubishi VCRs

VKT169

SCA3.0 Load Mtr **SCY5.2** Ctr
SCX5.5 Ctr **FRW9.7** Cap
Used in: Samsung VCRs

VKT170

SCB2.6 Load **FRZ11.0** Cap
SCA3.2 Load **SCA13.6** Reel
SCQ5.3 (uses 2)
Used in: Hitachi & RCA VCRs

VKT175

SCA3.0 Belt **SCC12.6** Belt
Used in: Panasonic & Quasar VCRs

VKT176

SCA8.9 Belt **SCB9.5** Belt
Used in: GE, Magnavox, NAP,
Panasonic, Quasar, Sylvania,
Teknika, & Toshiba VCRs

VKT177

SCA8.9 Belt **SCB10.0** Belt
Used in: GE, Magnavox, NAP,
Panasonic, Quasar, Sylvania,
Teknika, & Toshiba VCRs

VKT178

SCQ2.5 Belt **SCA8.6** Belt
SCQ3.6 Belt
Used in: NEC VCRs

* = Replacement for the original 'O' ring belt.

Check PRB's Comprehensive Belt & VCR Parts
Cross Reference Guide for cross-reference
information.

Camcorder Belt Kits (CKT)

CKT1

SCA4.5 Belt
SCB8.1 Belt

Used in: Magnavox,
Panasonic, Quasar, Sylvania
and other camcorders.

CKT3

SCQ4.6 Belt
SCB8.1 Belt

Used in: Panasonic
camcorders.

Camcorder Zoom Belt!

This belt is used for the zoom
function in many JVC and
Minolta camcorders.

P/N: IC C/S Wall
SCY1.2 1.20 .030 .030

CKT2

SCQ2.5 Belt
SCA4.2 Belt

Used in: Magnavox,
Panasonic, Quasar, Sylvania
and other camcorders.

CKT4

SCQ3.2 Belt
SCA8.6 Belt

Used in: Sharp camcorders.

CKT Cross Reference

Mfr./Model#	CKT Kit#	Mfr./Model#	CKT Kit#	Mfr./Model#	CKT Kit#	Mfr./Model#	CKT Kit#	Mfr./Model#	CKT Kit#
GENERALELECTRIC		CVK-315	CKT2	PV-300D	CKT1	PHILIPS		SHARP	
9-9604	CKT1	CVK-320	CKT2	PV-320/K	CKT1	CCK-310	CKT2	VC-C10UA	CKT1
9-9605	CKT1	CVK-321	CKT2	PV-400/D/DK/K	CKT1	CCK-321	CKT2	VL-L150U	CKT4
9-9606	CKT1	CVK-332	CKT1	PV-420/D/DK/K	CKT1	CPJ-810	CKT1	VL-L170U	CKT4
9-9607	CKT1	CVL-335	CKT1	PV-425	CKT1	CPK-816	CKT2	VL-L175U	CKT4
9-9608	CKT1	CVL-345	CKT1	PV-430/D/K/DK	CKT1	CPK-820	CKT2	VL-L210U	CKT4
9-9609	CKT1	VM-32/K	CKT2	PV-500/D/K/DK	CKT2	CPK-832	CKT1	VL-L270U	CKT4
9-9610	CKT1	VM-33	CKT2	PV-510/D	CKT2	QUASAR		VL-L280U	CKT4
CG-700	CKT1	VR-8207	CKT1	PV-515/D	CKT2	VM-10/K	CKT1	VL-L285U	CKT4
CG-710	CKT1	VR-8208	CKT1	PV-520/D/K/DK	CKT1	VM-11/K	CKT1	VL-L310U	CKT4
CG-9806	CKT1	VR-8209	CKT1	PV-530	CKT1	VM-20/K	CKT1	VL-L315U	CKT4
CG-9808	CKT1	VR-8290	CKT1	PV-535/D	CKT1	VM-20AC/ACK	CKT1	VL-L330U	CKT4
CG-9810	CKT1	VR-8291	CKT1	PV-660/D/DK/K	CKT1	VM-23/AC	CKT1	VL-L510U	CKT4
CG-9815	CKT1	VR-8292	CKT1	PV-G22M	CKT1	VM-24/AC/ACK	CKT1	VL-L4100U/C	CKT4
CG-9825	CKT1	VR-8293	CKT1	PV-S55K	CKT1	VM-25AC	CKT1	VL-L4300U	CKT4
CG-9906	CKT2	VR-8298	CKT1	PV-S440/D/K/DK	CKT1	VM-29	CKT1	VL-L8100U	CKT4
CG-9908	CKT2	VR-9294	CKT1	PV-S445/D/K/DK	CKT1	SYLVANIA		VCC-140	CKT1
CG-9910	CKT2	PANASONIC		PV-S540/D/K/DK	CKT1	VM-32/K	CKT2	VCC-141	CKT1
CG-9911	CKT2	AG-100	CKT1	PV-S550/D/K/DK	CKT1	VM-33	CKT2	VCC-150	CKT1
CG-9915	CKT2	AG-155	CKT1	PHILCO		VM-34/K	CKT1	VCC-151	CKT1
CG-9920	CKT1	AG-160	CKT1	CPK-832AV01	CKT1	VM-35	CKT1	VCC-152	CKT1
MAGNAVOX		AG-170	CKT3	VCR-790	CKT1	VM-37/K	CKT1	VCC-159	CKT1
CVJ-310	CKT1	AG-180U	CKT3	VCR-791	CKT1	VM-709	CKT1	VCC-161	CKT1
CVJ-320	CKT1	AG-190	CKT3	VCR-800/SL01	CKT1	RCA		VCK-210	CKT2
CVJ-340	CKT1	NV-M3PX	CKT1	VCR-801	CKT1	1CVA-142	CKT1	VCK-220	CKT2
CVJ-350	CKT1	NV-M5PX	CKT1	VCR-802	CKT1	CG-700	CKT1	VCK-221	CKT2
CVJ-360	CKT1	PV-200/DK/K	CKT1	VCR-809	CKT1	CG-710	CKT1	VKC-210AV01	CKT2
CVK-300	CKT2	PV-210/D/DK/K	CKT1	VKR-110	CKT2			VKC-221AV01	CKT2
CVK-310	CKT2	PV-220/D	CKT1					VKC-242	CKT1

Camcorder Heads & Cross Reference

	Mfr./ Model#	CX#	Mfr./ Model#	CX#	Mfr./ Model#	CX#	Mfr./ Model#	CX#
CX8	SONY		CCD-F402	CX12	CCD-FX470	CX14	CCD-TR350	CX14
	CCD-F201	CX9	CCD-F45	CX11	CCD-FX500	CX14	CCD-TR350PK	CX14
	CCD-F280	CX11	CCD-F450	CX12	CCD-FX510	CX14	CCD-TR353	CX14
	CCD-F288BR	CX11	CCD-F455	CX12	CCD-FX511	CX14	CCD-TR40	CX14
	CCD-F30	CX8	CCD-F46	CX11	CCD-FX520	CX14	CCD-TR42	CX14
	CCD-F301	CX12	CCD-F50	CX8	CCD-FX525	CX14	CCD-TR430	CX14
	CCD-F302	CX12	CCD-F55	CX12	CCD-FX530	CX14	CCD-TR50E	CX12
	CCD-F33	CX9	CCD-F56	CX12	CCD-FX600	CX14	CCD-TR550	CX14
	CCD-F330	CX8	CCD-F73	CX11	CCD-FX620	CX14	CCD-TR6	CX12
	CCD-F33PAK	CX9	CCD-FX228	CX14	CCD-FX630	CX14	CCD-TR61	CX14
	CCD-F34	CX9	CCD-FX230	CX14	CCD-M7U	CX8	CCD-TR65	CX14
	CCD-F34PAK	CX9	CCD-FX330	CX14	CCD-TR21	CX14	CCD-TR70	CX14
	CCD-F35	CX11	CCD-FX400	CX14	CCD-TR212	CX14	CCD-TR72	CX14
	CCD-F350	CX9	CCD-FX410	CX14	CCD-TR21PK	CX14	CCD-TR80	CX14
	CCD-F350PAK	CX9	CCD-FX411	CX14	CCD-TR28	CX14	CCD-TR82	CX14
	CCD-F36	CX11	CCD-FX420	CX14	CCD-TR30	CX14	CCD-TR9	CX12
	CCD-F360	CX11	CCD-FX425	CX14	CCD-TR303	CX14	CCD-TR91	CX14
	CCD-F365	CX9	CCD-FX430	CX14	CCD-TR303PK	CX14	CCD-V3/R	CX8
	CCD-F401	CX12	CCD-FX435	CX14	CCD-TR31	CX14	CCD-V30	CX8
					CCD-TR323	CX14	CCD-V4	CX8

Lubricants

Tuner Grease

Designed for use in fine mechanical linkage situations.



- "Aero" by Lubriplate
- Temp. -60°F to 360°F
- Low viscosity
- 1 oz. net weight

P/N: **555**

Molylube Grease

Designed for use in any mechanical linkage situation.



- Good temperature range: -20°F to 485°F
- Black in color
- High lubricating performance
- Great for VCRs and other electronic machines
- 1 oz. net weight

P/N: **560**

High Heat Silicone Grease

Designed for bearings in electric motors.



- High heat temperature applications
- Stable temperature range: -40°F to 400°F
- Ideal for video tape machines
- 1 oz. net weight

P/N: **511**

Synthetic Hydrocarbon Grease



- Lithium soap jellied grease of medium viscosity, stabilized against oxidation
- Wide temperature range: -40°F to 225°F
- Safe for ester vulnerable plastics & neoprene
- .25 oz. net weight

P/N: **608**

Cleaners

PRB Line® Non-Flammable Flux Remover

This proprietary, custom-blended CFC-free flux remover is truly unique. PRB Line® Non-Flammable Flux Remover is meticulously formulated to meet the most rigid industrial electronics assembly and rework specifications. Its effective, gentle cleaning action has been proven to be ideal for cleaning all types of electronic circuit board assemblies. The superior wetting action removes all types of R, RMA, synthetic and RA fluxes, ionic soils, silicones, grease and oil films.

- Non-flammable
- Non-conductive
- Leaves **NO** residue
- Fast evaporator at room temp.
- 2 oz. or 6 oz. Non-aerosol

P/N: **C80303** 6 oz.
P/N: **822** 2 oz.



PRB Line® Rubber Revitalizer

Use this product on rubber parts such as pressure rollers, idler wheels, windshield wipers, golf club handles, tennis racket handles - you name it!

- Prolongs life of rubber parts
- Revitalizes rubber by removing buildup
- Restores the "gripping" surface
- Cleans and makes surfaces like new
- Available in 2 sizes and 2 types of packaging



P/N: **MS21** 1 oz.
P/N: **RCR21** 1 oz. clamshell

⚠Cannot Be Shipped Via UPS Air

PRB Line® Video Tape & Head Cleaner

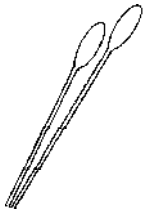


Specially formulated to improve performance and extend life of audio and video heads.

- Environmentally friendly
- No CFCs & no 1,1,1-Trichloroethane
- No added silicones
- Leaves no residue
- Safe for use on most plastics
- Non-conductive
- 6 oz. Non-aerosol (Non-Flammable)

P/N: **833**

Chemical Applicators



Cotton Swabs

- Single end cotton swabs
- Extra long - 6" in length
- Available in packs of 100

P/N: **CS100**



Foam Swabs

- High quality cellular-foam swabs
- Will hold up in most solvents and cleaners
- Extra long - 6" in length
- Available in packs of 50

P/N: **FS50**



Foam Over Cotton Swabs

100% Urethane foam heads with 100 PPI porosity over U.S.P. pharmaceutical grade purified cotton for best absorption. Bonded securely to a 6" polypropylene shaft.

- Non abrasive
- Solvent resistant
- Shred resistant
- Available in packs of 50

P/N: **FCS50**



PRB Line® Class 10 Anti-Static Vinyl Gloves

These anti-static gloves are designed for electrostatic sensitive components. Used in the medical, aerospace, pharmaceutical, semiconductor and other industries where "ESD SAFE" conditions are a must. The ambidextrous gloves are made from virgin vinyl which has been carefully

compounded to resist a variety of industrial contaminants and irritants. Manufactured and 100% quality controlled and inspected in class 10 clean room conditions in order to protect from particulate contamination.

- Anti-static — <2 sec. static decay — mil-B-31705C
- Powder Free — No foaming/soapy substance
- Superior finger tip sensitivity
- Ambidextrous fit

P/N: **GLM** medium

P/N: **GLL** large



Brass Brush

- 7.75" long
- Wooden handle
- Ideal for scrubbing PC boards
- Not affected by most chemicals

P/N: **MS78**

Chamois Swabs

Made from synthetic suede, these swabs are static free, lint free and non abrasive. The bendable handle allows for controlled angled access for hard to reach places. Tested and approved for use with PRB P/N: 833.

- For gentle, effective cleaning of tape heads, data processors, electronics, audio/visual
- Solvent resistant
- Will not snag on VCR heads
- 4" Handle can be bent at any angle
- Available in packs of 10 & 25

P/N: **C/SWABS10**

P/N: **C/SWABS25**



Precision Syringe Applicator



- Empty syringes can be used for a variety of applications
- Includes a handy cap
- 6cc volume

P/N: **SR5**

Fuses

ABC, AGC, FNB, & GMA fuses sold 5 per pack.
PIC fuses are sold individually.

AGC: NORMAL-BLOW FUSES
250 volt; Dimensions: ¼ x 1 ¼"

Cross Reference:
Littlefuse 312 (000) series,
Bussman AGC thru 3 ½A, MTC 4, 5, 6A

P/N = AGC + Amp value:

AGC.25	AGC2	AGC4	AGC8
AGC.5	AGC2.5	AGC5	AGC10
AGC.75	AGC3	AGC6	AGC15
AGC1	AGC3.5	AGC7	AGC20
AGC1.5			

FNB: NORMAL-BLOW PIGTAIL FUSES
250 volt; Dimensions: ¼ x 1 ¼"

Cross Reference:
Littlefuse 318 (000) series
Bussman GJV series

P/N = FNB + Amp value:

FNB1	FNB3	FNB5
FNB2	FNB4	

ABC: MICROWAVE OVEN FUSES
250 volt; Dimensions: ¼ x 1 ¼"
Ceramic; Fast-Blow

P/N= ABC + Amp value:

ABC10	ABC15
ABC12	ABC20

GMA: FAST-BLOW FUSES
250 volt; Dimensions: 5mm x 20mm

P/N = GMA + Amp value:

GMA.25	GMA1.5	GMA3	GMA5
GMA.5	GMA1.6	GMA3.15	GMA6
GMA.75	GMA2	GMA3.5	GMA7
GMA1	GMA2.5	GMA4	GMA8
GMA1.25			

PIC: PICO TYPE FUSES
P/N = PIC + Amp value:

PIC.125	PIC1	PIC2.5	PIC4
PIC.25	PIC1.5	PIC3	PIC5
PIC.5	PIC2	PIC3.5	

Sold Individually!

Fuse Kit

We have assembled a **Fuse Kit** for the service person's convenience. Packaged in a reusable styrene box, the **FK60** fuse kit contains 12 of the most popular fuses, and has five of each. A total of sixty fuses!

The **FK60** contains five each of:

AGC1	GMA1
AGC2	GMA1.5
AGC3	GMA2
AGC4	GMA3
AGC5	GMA4
GMA.5	GMA5

P/N: FK60



Fuse Holders

ROUND CHASSIS MOUNT

Fits AGC 1 ¼" x ¼" long style fuses. Spring loaded for positive contact. Clockwise screw top.

Rated voltage:

10 amp 250 volts AC

15 amp 125 volts AC

P/N: FH-1



AGC FUSE HOLDER

16 gauge screw-type fuse holder.

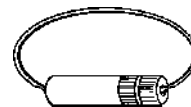
Fits AGC 1 ¼" x ¼"

long style fuses.

Spring loaded for

positive contact.

P/N: FH-16



Lead and Indicator Lamps

Sold 5 per pack!

A	B	C	D	E	F
P/N	Volts	Amps	P/N	Volts	Amps
(A) .12" Diameter 8" Lead Wire			(C) Fuse Lamps		
LL1	6	35mA	.25" Diameter x 1.23" length		
LL3	8	35mA	FL6	6	250mA
LL5	12	35mA	FL8	8	250mA
			FL12	12	150mA
(B) .2" Diameter 8" Lead Wire			(D) .12" Diameter 1" Lead Wire		
LL6	6	35mA	LL2	6.3	35mA
LL8	8	35mA	LL4	12	35mA
LL12	12	35mA			
			(E) .09" Diameter 1" Lead Wire		
			LL10	6.3	35mA
			LL14	12	35mA
			(F) Wedge Lamps		
			5mm x 19mm (.2" x .75")		
			WL6	12	100mA

Lamp Covers

5mm (.2") Diameter

For LL6, 8, 12, WL6

Sold 5 per pack!

P/N	Color
LB5	Blue
LG5	Green
LR5	Red
LY5	Yellow



Compact Disc Spindle Motors

Genuine Mabuchi replacement spindle motors for a variety of compact disc players fitting many makes and models.



P/N	Mfr. P/N	Used By	Shaft Length
CD20	RF-320CH-10570	Pioneer PEA1233, Nakamichi OC83432, Denon 9500008312	.4"
CD21	RF-310T-11400	Nikko 70102BT214	.62"
CD22	RF-310T-11400	Sanyo 6140452105	.75"
CD23	RF-310T-11400	Sansui 48584900, Nakamichi OC8193	.95"
CD24	RF-310T-11400	Nikko 9KA82A014, Goldstar 411-110A	.43"
CD25	MDN-4RA3FTAS	Ass'y # KSL-210BHM, Sony, Aiwa	.92"

Mabuchi Cassette Motors

Mabuchi Cassette Motors, the "Industry Standard," are made using a compact IC system to fit easily into fashionable slim auto cassette decks. They have a 10% adjustable speed control. All Mabuchi cassette motors have a rated load of 8.0 g/cm and a rated speed of 2400 rpm.

- Part number contains rated voltage and direction of rotation,
Ex: 6VMTRCW; 6 = rated voltage, CW = clockwise;
Ex: 9VMTRCCW; 9 = rated voltage, CCW = counter clockwise

Electronic Governor Motors: Series EG-500AD or EG-530AD

P/N	Mabuchi#	Working Voltage	Rated Current mA	Start Torque g/cm
6VMTRCW	EG530AD-6F	4.2-7.5	1.29	38/4.2v
6VMTRCCW	EG530AD-6B	4.2-7.5	1.29	38/4.2v
9VMTRCW	EG530AD-9F	6.0-11.0	93	50/6.2v
9VMTRCCW	EG530AD-9B	6.0-11.0	93	50/6.2v
12VMTRCW	EG530AD-2F	8.4-15.0	72	60/8.2v
12VMTRCCW	EG530AD-2B	8.4-15.0	72	60/8.2v



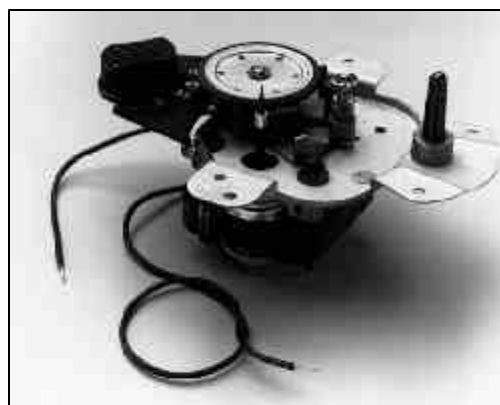
Universal Phonograph Motor

PRB Line® has its own General Industry *Universal Replacement Motor* for 4-speed changers, such as Califone and Audiotronics. With our replacement motor, we make it easier and faster to repair your old phonographs.

110V, 60 cycle, 4-speed phonograph motor.

Refer to **page 38** for original Califone Idler Wheels, Part# 1407-03 and 1490-01.

P/N: PM4



Needles



PRB1001



PRB1201



PRB1207



PRB1210



PRB1211



PRB1212



PRB1250



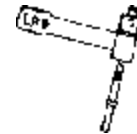
PRB1252



PRB1301



PRB1302



PRB1401



PRB1403



PRB1404



PRB1801



PRB2001



PRB2202



PRB2203



PRB2307



PRB2312



PRB2313



PRB2401



PRB2403



PRB2504



PRB2801



PRB2803



PRB2810



PRB2813



PRB2814



PRB2879



PRB3002



PRB3003



PRB3004



PRB3005



PRB3006



PRB3007



PRB3008



PRB3205



PRB3301



Brush Not Included
on PRB3302.

PRB3302



PRB3303



PRB3401



PRB3402



PRB3602

Needle Cross Reference

Model#	P/N	Model#	P/N	Model#	P/N	Model#	P/N
A.D.C.		ST-14	PRB2814	LM-20H	PRB2203	STY-115	PRB1207
R-4	PRB1001	ST-29D	PRB2803	LM-30H	PRB2203	STY-118	PRB1210
RK8	PRB1001	ST-35D	PRB1210	PANASONIC		STY-123	PRB1211
RP30	PRB1001	ST-35VD	PRB1201	680-6	PRB1801	STY-131	PRB1252
RSQ30MKIII	PRB1001	ST-36VD	PRB1201	6-2339-1	PRB2313	STY-138	PRB1211
AIWA		ST-37	PRB2504	CZ-800	PRB2313	STY-140	PRB1211
AN-5	PRB1210	ST-38VD	PRB1212	CZ-699	PRB2813	STY-141	PRB1211
AN-7	PRB1212	ST-41J	PRB1210	EPS-30	PRB1201	STY-142	PRB1211
AN-60	PRB2504	ST-42	PRB1210	EPS-30STSD	PRB1201	STY-146	PRB2313
AKAI		ST-44J	PRB1252	EPS-33	PRB2312	STY-703	PRB1201
APN-2	PRB1201	ST-53	PRB1212	EPS-40	PRB2312	SHURE	
APN-5	PRB1201	ST-55	PRB1210	EPS-41	PRB2307	N-44C	PRB3002
RS-7	PRB1250	ST-63	PRB1207	EPS-43	PRB1211	N-70B	PRB3003
RS-10	PRB1252	ST-66	PRB2810	EPS-50	PRB2312	N-74C	PRB3004
RS-25	PRB1210	ST-67	PRB2879	EPS-74ED	PRB1207	N-75C	PRB3004
RS-33	PRB1252	ST-140	PRB2813	EPS-74GSD	PRB1207	N-91E	PRB3005
RS-35	PRB1252	ST-140D	PRB2313	EPS-74SD	PRB1207	N-91ED	PRB3005
RS-41	PRB2203	ST-M11	PRB1252	EPS-75SD	PRB1210	N-92F	PRB3008
RS-82	PRB1211	ST-G5	PRB1801	EPS-75CSD	PRB1210	N-93E	PRB3005
RS-84	PRB2504	ST-G13	PRB2813	EPS-75FSD	PRB1210	N-95G	PRB3006
RS-85	PRB1210	ST-L5D	PRB1211	EPS-75HSD	PRB1211	N-95ED	PRB3006
RS-90	PRB1212	HITACHI		EPS-76SD	PRB1212	N-99E	PRB3008
RS-95	PRB1212	AC-2	PRB2401	EPS-77	PRB1210	N-104E	PRB3008
PC-002	PRB1201	D-1507	PRB2401	EPS-77SD	PRB1210	N-110HF	PRB3008
AUDIO TECHNICA		DS-ST12	PRB1252	EPS-78	PRB1207	V15/III	PRB3007
ATN-70	PRB1207	DS-ST13	PRB1252	EPS-90AD	PRB1250	VN-35E	PRB3007
ATN-71	PRB1207	DS-ST14R	PRB1252	EPS-90BD	PRB1250	VN-36	PRB3007
ATN-102P	PRB1250	DS-ST16	PRB1253	EPS-90SMBD	PRB1250	VN-78E	PRB3007
ATN-112	PRB1250	DS-ST23	PRB1250	EPS-90STGD	PRB1250	SONY	
ATN-122	PRB1250	DS-ST26	PRB1201	EPS-90SMAD	PRB1252	ND-5G	PRB1212
ATN-132EP	PRB1250	DS-ST36	PRB1207	EPS-91	PRB1252	ND-33	PRB1207
ATN-152LP	PRB1250	DS-ST35	PRB1210	EPS-510	PRB2312	ND-127	PRB3205
ATN-952	PRB2801	DS-ST104	PRB1201	EPS-520	PRB2312	ND-129	PRB1201
ATN-3400	PRB1210	JVC		EPS-530	PRB2312	ND-130	PRB1201
ATN-3401	PRB1210	DT-30	PRB1201	EPS-540	PRB2312	ND-136	PRB1207
ATN-3410	PRB1210	DT-31	PRB1201	EPS-550	PRB2312	ND-138	PRB1210
ATN-3472P	PRB1252	DT-35	PRB1201	EPS-P30	PRB2312	ND-142G	PRB1211
ATN-3600	PRB1211	DT-38	PRB1210	EPS-P33	PRB2312	ND-145	PRB1252
ATN-3601	PRB1211	DT-55	PRB1211	N-44C	PRB3002	ND-152P	PRB2313
ATN-3710	PRB1212	DT-45	PRB1252	PENNEY, JC		STANTON	
ATN-3711	PRB1212	DT-51	PRB1801	1024-0588	PRB1207	D-5	PRB3301
ATS-10	PRB1201	KENWOOD		1150-1525	PRB3004	D-57	PRB3301
ATS-11	PRB1201	N-41	PRB1201	1222-9456	PRB1801	D-71E/ZE	PRB3303
ATS-12	PRB1201	N-41A	PRB1201	1226-1178	PRB1002	D-72	PRB3303
B.S.R.		N-48	PRB1207	1230-2105	PRB1210	D-73	PRB3303
ST-8	PRB1401	N-49	PRB2801	1259-4891	PRB2313	D-73S	PRB3303
ST-10	PRB1401	N-52	PRB1210	1260-1688	PRB1250	D-74S	PRB3303
ST-12	PRB1403	N-63	PRB1252	1263-3970	PRB1252	D-98S	PRB3303
ST-14	PRB1403	N-67	PRB2814	1298-1635	PRB1211	D-5100E	PRB3301
ST-15	PRB1403	MAGNAVOX		PICKERING		D-6807A	PRB3302
ST-16	PRB1404	251300-72	PRB1211	D71E/ZE	PRB3303	TECHNICS	
ST-17D	PRB1404	560344-45	PRB2001	D72	PRB3303	EPC-530	PRB2312
DUAL		5604370-60	PRB1252	D73/S	PRB3303	EPS-30	PRB2312
D-311	PRB2401	MITSUBISHI		D74S	PRB3303	EPS-33	PRB2312
D-325	PRB3004	3D-42M	PRB1207	D98S	PRB3303	EPS-51	PRB2312
D-360	PRB3006	3D-45M	PRB1207	D350	PRB2403	EPS-53	PRB2312
D-362	PRB3006	3D-47M	PRB1210	DAM2	PRB2401	EPS-510	PRB2312
DN-235	PRB1211	N-2455	PRB1207	DAT2	PRB2401	EPS-520	PRB2312
DN-239	PRB1211	DN-35ST	PRB1207	D1507AM2	PRB2401	EPS-540	PRB2312
DN-450	PRB1252	ONKYO		D1507AT2	PRB2401	EPS-550	PRB2312
DN-165	PRB2203	DN-40	PRB2801	XV-15 MICRO	PRB2403	TETRAD	
EMPIRE		DN-52	PRB1210	PN-230	PRB1211	T5HD	PRB3402
906	PRB1302	DN-52ST	PRB1210	PN-250T	PRB1252	T5HD-S	PRB3402
S60X	PRB1302	DN-61	PRB1211	PN-295T	PRB1252	T50HS	PRB3401
S100	PRB1301	DN-63	PRB1211	PN-K65	PRB2504	TOSHIBA	
S200	PRB1301	DN-65	PRB1211	SANSUI		N-32D	PRB1252
S300	PRB1301	DN-201ST	PRB1212	SN-40	PRB1201	N-40C	PRB1801
S400	PRB1301	MM-109	PRB2504	SN-43	PRB1201	N-50	PRB2803
S500	PRB1301	ORTOFON		SN-101	PRB1207	N-55	PRB1207
S600	PRB1301	NF-15II	PRB2202	SN-202	PRB1210	N-57	PRB1207
S2000	PRB1302	NF-15EII	PRB2202	SN-515	PRB1252	N-60	PRB1210
S2000E	PRB1302	NF-15X	PRB2202	SN-P212	PRB2814	N-70C	PRB1210
FISHER/SANYO		NF-15XEII	PRB2202	SN-P313	PRB1252	N-71M	PRB1210
MG43	PRB2801	LM-10	PRB2203	SN-P515	PRB1252	N-72D	PRB1250
ST-03	PRB2307	LM-15	PRB2203	SHARP		N-293	PRB1210
ST-05	PRB2313	LM-20	PRB2203	N-20D	PRB1201	VARCO	
ST-07	PRB2814	LM-30	PRB2203	STY-105	PRB1207	TN-4	PRB3602
ST-10J	PRB2801						

Magnetic Cartridges



PRB1275
Audio Technica: AT-70



PRB1276
Audio Technica: AT-3400



PRB1277
Audio Technica: AT-3472P



PRB2410
Pickering: NP/AC



PRB2411
Pickering: TE

Ceramic Cartridges



PRB1104*
Astatic: AS89T
PRB1104B* (bulk)



PRB1420
B.S.R.: SC-8H2



PRB1424
B.S.R.: SC-5H



PRB2377
Panasonic: CZ-800-1



PRB3450
Tetrad: TC8H1



PRB3451
Tetrad: TC8H0



PRB3650
Varco: TN4B
Panasonic:
CZ-680-6C

Phonograph Accessories



PRB9901BK
Head Shell - Black



PRB9905
Cartridge Lead Wires



PRB9907
Tetrad Cartridge Plug



PRB9908
Tone Arm Wire



MS17
Califone Turntable Pad
Soft rubber mat, 8" diameter

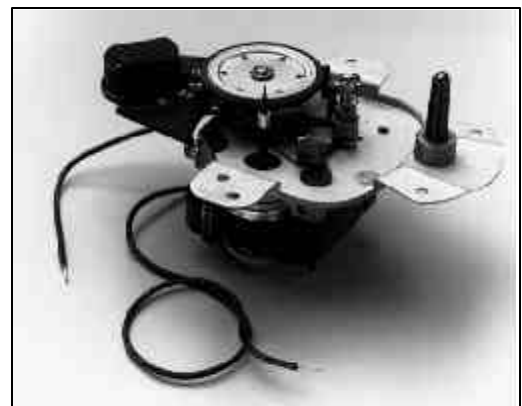
Universal Replacement Phonograph Motor

PRB Line® has its own General Industry Universal Replacement Motor for 4-speed changers, such as Califone and Audiotronics. With our replacement motor, we make it easier and faster to repair your old phonographs.

110V, 60 cycle, 4-speed phonograph motor.

Refer to **page 38** for original Califone Idler Wheels, Part# 1407-03 and 1490-01.

P/N: PM4



LET US REBUILD YOUR OLD

• Pressure Rollers



• Idler Wheels



• Pinch Rollers



• Drive Tires



Wheel Rebuilding

P/N: Rebuild*

Now you can salvage your old equipment by replacing worn idler wheels, rollers, and tires. Send us your imperfect roller or wheel (ONLY SEND ITEM TO BE REBUILT OR MATCHED. DO NOT SEND THE UNIT OR MISCELLANEOUS PART) and PRB will rebuild or match it for you. We will return it to you in about 30 days or less! Your wheel is rebuilt or matched to manufacturer's specifications and is backed by a full product guarantee!

If a worn wheel is slipping and operating inefficiently on any of your electronic equipment, send us the defective part. With a PRB Line rebuilt or matched wheel or roller, you'll add years of operational life to your equipment. We will rebuild or match any wheel, roller, or tire 3 inches or less in diameter. Cost is quoted upon request for larger wheels and rollers.*

NOTE: Parts are rebuilt or matched according to manufacturer's specifications. PRB assumes no responsibility for parts that continue to malfunction once this service has been provided.

In very few cases our rebuilding process may not adapt to your wheel. In such instances, no charge will be made and we will return your wheel, at our expense, within 30 days. Liability is limited only to the cost of the part if lost or damaged on the premises. Not responsible for items lost or damaged in shipping.

Custom Cutting

P/N: Cuscut*

There may be some belts or tires we are not able to match. For most of those exceptions we have the capabilities to have them custom cut in about 30 days. This low-cost service can be your solution to a troublesome problem. Give us a try for those odd sized belts and tires.*

Belt & Tire Measuring Service

P/N: Match*

PRB also has a belt and tire measuring service. This service is especially helpful when you can't find a cross or you're unsure about how to measure the part yourself. Our experienced Belt Technicians will try to find a replacement for you in about 30 days. It's that easy! Just send it to us or take it in to your nearest PRB Line Distributor.

***Simply send your defective wheels, rollers, tires and unmatched belts to:
your nearest PRB Line Distributor**

Please include the make, model and part number, if possible, along with your account number, phone number, and purchase order number. We recommend you use UPS because of their fine service, speed and excellent insurance coverage. We also recommend you insure your Rebuild for the value of the machine (if over \$100).

Sony Audio Idler Assembly & Cassette Tire



Sony
Audio Idler Assembly
 X-4920-346-1
 PRB Replacement Tire=ST.525
 P/N: **AUD01**

ORIGINAL



Sony Cassette Tire

Replacement tire for Sony# X-4920-346-1
 Used in Sony tape transport assemblies:
 MF-460-64 and MF-204-64
 Found in Series CFD, CFW,
 CS/CFS portable tape systems.

P/N: **ST.525**



Cassette Pinch Rollers



PR02



PR06



PR11



PR15



PR16

P/N	ID	OD	C/S	Bushing Type
PR02 (Black)	.098	.510	.325	Nylon
PR06 (Black)	.078	.510	.325	Nylon
PR11	.098	.510	.325	Brass
PR15	.059	.393	.275	Nylon
PR16 (Pioneer)	.078	.510	.355	Nylon

Cassette Pinch Roller Assemblies

PRA02



PRA03



P/N	OD	Bushing Type
PRA02	.500	Nylon
PRA03	.500	Nylon

Cassette Drive Wheel

CDW02



P/N	ID	OD	Bushing Type
CDW02	.085	1.015	Nylon

VCR Guide Posts



P/N: **GP1**
 Mfr#: Panasonic VXP0302



P/N: **GP2**
 Mfr#: JVC



P/N: **GP3**
 Mfr#: NEC



P/N: **VA554**
 VCR Post Limiter
 See page 30

Phono Idler Wheels



IW02



IW05



1407-03



1490-01

P/N	Equivalence	ID	OD	C/S	Bushing Type
IW02*	EVG# 1407-11	.115	2.121	.445	Nylon
IW05	EVG# 1496-05	.123	1.885	.557	Nylon
1407-03	Original wheel for Califones	.182	2.090	.358	Metal
1490-01	Original wheel for Califones	.220	2.015	.350	Metal

*Discontinue when gone

Commercial VCR Pinch Roller



P/N: CVPR1
Assembly not sold.

**"I don't need the entire assembly!
I just need the pinch roller!"**

Due to customer demand, PRB Line introduces its commercial grade Sony replacement Video Pinch Roller. The **CVPR1** is designed to meet and exceed OEM specifications for optimum performance and reliability.

- **Exclusive PRB Line product!**
- **Sealed carbon chromium bearings**
- **Precision balanced brass core**
- **Custom formulated neoprene jacket**

Replaces roller in Sony Assy #s:

- A-6750-223-A
- A-6750-226-A
- X-3668-758-3

Found in Sony Model #s:

- BVU900
- BVU950
- VO7600
- VO9600
- VP7020
- BVU950
- VO5800
- VO7630
- VP700
- And more!

VCR Pinch Roller Assemblies



P/N: VPRA1

Sony: X-3670-063-0,
X-3682-033-1
Toshiba: 70322207



P/N: VPRA2

Sony: X-3679-264-1,
X-3684-337-1,
X-3669-307-6
Sub: A-6759-344-A



P/N: VPRA3

Uses VPR26
Panasonic: VXL1743,
VXL1481



P/N: VPRA6

Uses VPR27
Mitsubishi: 948D020010

Grommets (Feet)



P/N: GR01
3M Wollensak 1500 Series
PN 81-3014480-9
For Front Case; Uses 2



P/N: GR03
Kodak Carousels
PN 175225
Lamp Door Foot



P/N: GR04
Kodak Pageant
PN 192878 16 mm foot
Also used on Carousel
500 & 600; Uses 4



P/N: GR06
Kodak Carousels
& Ektographics
PN 171555



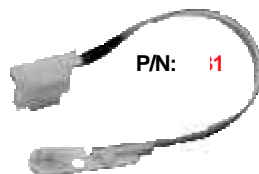
P/N: GR.475
Tone Arm Grommets
For Audiotronics 300, 400, 500, 700 Series
Califone 1100, 1400, 1800
Newcomb AVT 1200, 1228, 1600/29/40
Dukane - Fits all



P/N: GR.990
Bell & Howell Replacement Feet
PN 18086
Fits all B&H 500 & 1500 Series 16mm
sound projectors

P/N	O/D	Height	Mnt. Hole	Recess	
				I/D	Depth
GR01	.625	.745	.160	.290	.242
GR03	.753	.276	.125	.270	.125
GR04	.748	.375	.137	.298	.180
GR06	.740	.290	.120	.328	.190
GR.475	1.00	.097	.482	.760	.096
Part#	O/D	Height	Screw Length		Threads
GR.990	1.00	.500	.500		10-32

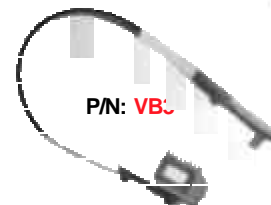
VCR Tension Bands



P/N: VB1



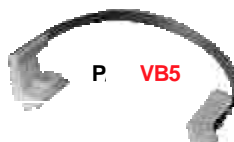
P/N: VB2



P/N: VB3



P/N: VB4



P/N: VB5



P/N: VB6



P/N: VB7

P/N	MANUFACTURER#
VB1 Panasonic VXZS0005, VXZS0129, VXZS0137
VB2 Panasonic VXZS0165
VB3 Panasonic VXZ0078
VB4 JVC PU51390A
VB5 Panasonic
VB6 Panasonic VXZ0076
VB7 Hitachi 7376271, 7379912

VCR Pinch Rollers

PRB Line Video Pinch Rollers offer superior tape handling and smoother multi-directional operation than any other replacement video pinch roller on the market.

- Precision machined brass core
- Sealed, high performance, carbon chromium bearing

P/N: **VPRM1**



An easy and effective way to determine your replacement for VCR Pinch Rollers! This 7.75" x 5.25" translucent template has numerous cutouts to help determine:

- Outer Diameter (OD)
- Height
- Inner Diameter of Bearing (ID)



P/N	Manufacturer	Manufacturer#	OD (Roller)	Height (Roller)	Bearing ID
VPR1	Panasonic	VXL1371	18mm (.709)	23mm (.906)	3mm (.118)
VPR2	Panasonic	VXG0015, VXP518	16mm (.630)	23mm (.906)	3mm (.118)
	RCA	196861			
VPR3	Emerson/Mitsubishi	522C05501/02/03	15mm (.591)	18mm (.709)	4mm (.157)
VPR4	Sanyo/Fisher	143-0-545T-01700, 143-9-5100-40900	15mm (.591)	19mm (.748)	4mm (.157)
VPR5	Sony	X-3659-337-0	16mm (.630)	19mm (.748)	3mm (.118)
VPR6	Hitachi	6383211/213/762	15.5mm (.610)	22mm (.866)	4mm (.157)
VPR7	JVC	PU47549A	15mm (.591)	21mm (.827)	4mm (.157)
VPR8	Sharp	NROLR0007GEZZ	13mm (.512)	18.2mm (.717)	3mm (.118)
VPR9	Sharp	NROLR0005GEZZ	18mm (.709)	20mm (.787)	4mm (.157)
VPR10	JVC	PU51367A	17mm (.670)	21mm (.827)	4mm (.157)
VPR11	Toshiba	70322134, 70332023	15mm (.591)	17.5mm (.674)	4mm (.157)
VPR12	Akai	MP-V2004A120A	15mm (.591)	19.8mm (.779)	3mm (.118)
VPR13	Sony	X-3690-114-1	12mm (.472)	18mm (.709)	2mm (.079)
VPR14	NEC	16178361/62/63	16mm (.630)	19mm (.748)	4mm (.157)
	NEC	16183653			
VPR16	Sharp	NROLR0009GEZZ	18mm (.709)	17mm (.670)	4mm (.157)
VPR17	Sharp	NROLR0013GEZZ	18mm (.709)	18mm (.709)	4mm (.157)
VPR18	Hitachi	6383763, 6384251	15.5mm (.610)	18.5mm (.730)	4mm (.157)
	Hitachi	6975472, 6977813			
VPR19	Sanyo/Fisher	143-0-4604-00700	15.2mm (.599)	21mm (.827)	4mm (.157)
VPR20	JVC	PQ40134A/B	17mm (.670)	18mm (.709)	4mm (.157)
	Toshiba	70692037			
VPR21	Akai	MP-357547	16mm (.630)	20mm (.787)	3mm (.118)
VPR22	Akai	MP-361543	18mm (.707)	20mm (.787)	3mm (.118)
VPR23	JVC	PQ42006	17mm (.670)	17mm (.670)	4mm (.157)
VPR24	Sanyo	VHR-D500	16mm (.630)	18mm (.709)	3mm (.118)
VPR25	Philips	4822-528-90321	12.5mm (.492)	21mm (.827)	3mm (.118)
VPR26	Panasonic	VXL1743/VXL1481	14mm (.550)	18mm (.709)	3mm (.118)
VPR27	Mitsubishi	9480020010	14mm (.550)	17mm (.670)	3mm (.118)
VPR31	Thomson	201102	16mm (.630)	18mm (.709)	4mm (.157)
	Samsung	65253-611-610, 5253-611-6102V			

Refer to PRB Line® Cross Guide for Pinch Roller Cross Reference

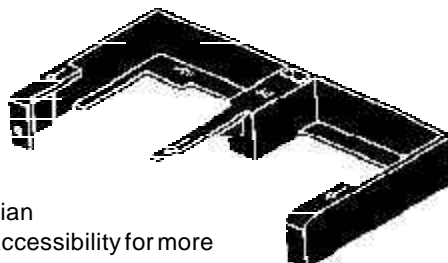
Pro Series Test Jigs

Patented black "E" shaped test jigs made of sturdy ABS plastic and features an open air design with a center loading bar. Allows you to view the mechanical operations of a VCR and aids in diagnosing the problems. Loads smoothly into most VCRs.

VHS "G" Function Test Jig

Works perfectly for both traditional VHS and new "G" Chassis VCRs. The easy load open E design eliminates the frustrating jostling and jamming problems of earlier test jigs. This allows the technician maximum visibility and greater accessibility for more productive VCR servicing.

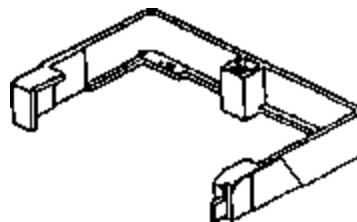
P/N: **V-528**



8mm Test Jig with Tape Detect Function

Operates all 8mm camcorders and VCRs. As safe as loading a standard 8mm video tape. Allows for maximum visibility and accessibility to perform 8mm service.

P/N: **V-526**



VCR Vu-Thru

BETA I-II-III Vu-Thru

Fits front load and top load VCRs and camcorders.

P/N: **V-513**



Miscellaneous Test Equipment



Lil' Bitty Tester™

Whether you're in the air, on land or sea, if you work on equipment that uses Triacs, SCRs or Fets, this versatile go/no-go tester is a must. Unit quickly determines the condition of device under test (in or out of circuit), giving you both an audio and visual indication as to the component status. Unit also tests transistors, diodes, LEDs, bipolar LEDs, fuses, lamps, bridge rectifiers and DC voltages. Comes complete with detailed instructions.

P/N: **LB2**

IC Clips

These injector-type prods firmly clip on to large or small components for testing purposes. Can be clipped on for meter reading for any required length of time while hands are free for other work. The 2 1/4" long clips are sold two per package - one red and one black.

P/N: **IC2**



IC Test Lead Set

Five color-coded, 16" test leads with miniature hook-on prods at both ends. A must for technicians and experimentors who want temporary interconnects without danger of shorting. Colors: Red, black, yellow, green and white.

P/N: **IC500**



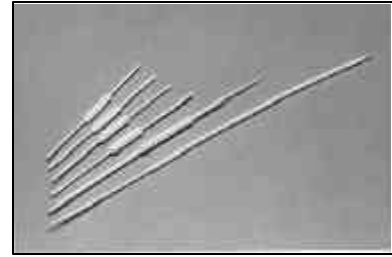
VCR Precision Tools

VCR Alignment Tools

Finally, the technician's choice for an effective, multi-purpose tool. Easily adjusts coils and trimmers found in virtually every piece of electronic equipment. Made of nylon and Delrin. This professional kit features 6 double-ended tools:

- 4 Standard screwdriver heads
- 6 Hexagonal heads
- 2 Square RCA heads
- Antistatic and dielectric

P/N: **A622**



Tape Guide Post Tool

Tape transport adjusting tool to adjust tape guide posts for equal top and bottom tension.

Replaces RCA# 144389.

P/N: **AT389**



Audio & Control Head Tool

Audio and control head positioning tool used to adjust the position of the head.

Replaces RCA# 148936.

P/N: **AT936**



Video Head Puller

This universal tool enables the technician to easily remove and replace video heads on VHS video cassette recorders.

P/N: **HP100**



Retaining Ring Remover

New design easily removes 3mm-4mm retaining rings. For use with all VHS VCRs. This tool also works well for removing E-Clips. Replacement for Panasonic #VFK0335.

P/N: **R200**



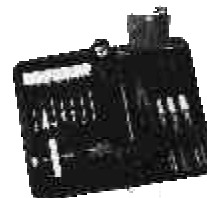
VCR Repair Tool Kit

This kit enables the technician to service over 90% of VHS VCRs. Quality built tools come in a fitted vinyl carrying case with zipper. This professional kit contains 22 tools.

Kit Includes:

- Audio & Control Head Tool (replaces RCA #144387)
- Tension Adjustment Tool (replaces RCA #144388)
- Back Tension Tool (replaces RCA #155631)
- AT389
- AT936
- R200
- HP100
- HK8
- Mini Screwdriver
- Spring Hook Tool
- Three Reversible Screwdrivers (Both Phillips and Standard)

P/N: **TK16**



Hardware Wheels

These high-quality Hardware Wheels are a unique packaging solution for your small item assortments. The patented "tamper-evident" lock prevents spills and eliminates undetected pilferage. The tops are molded of durable clear "K-resin". Bottom colors vary by part number. Environment-friendly, 100% Recyclable!

Can be used for:

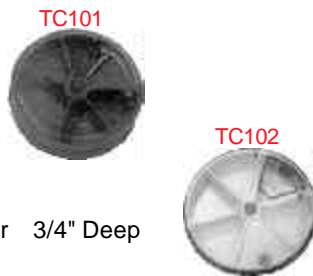
- Storing Assortment Kit parts
- Washers, Springs, E-Clips
- VCR Sensors
- IC Protectors
- Fuses

P/N: TC101

Green bottom 3 1/4" Diameter 3/4" Deep

P/N: TC102

White bottom 2 1/2" Diameter 5/8" Deep



Probe Set

These probes can be used for a wide variety of purposes. Each features a different tip: straight, curved, right angle and angled.

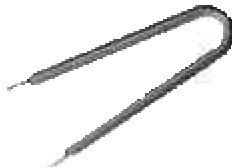
Set of four 7" double-ended tools.



P/N: P324

IC Extractor

Use this steel spring tool to work on all IC devices from 8 pin to 24 pin. One piece construction.



P/N: IC23

Nylon Cable Ties

Molded of sturdy 6/6 nylon. One piece construction. Remains continuously serviceable to 185° F. Natural nylon color. 4" in length with a tensile strength of 18 lbs. 100 per bag.

P/N: T18R



Push-Pull Tool

A versatile tool designed to manipulate springs and belts in hard-to-reach areas. This double-ended tool has one end for pulling and a notched end for pushing. 8" in length.

P/N: T100



Tape

Cold Shrink Fusion Tape forms a tough, uniform, watertight skin. Ideal for temporary repair or long term, permanent applications! Cold Shrink Tape forms a homogenous mass with no layers. It does not transfer adhesive and can easily be applied to a wide range of sizes, shapes and materials. Effective stretch length is twice the length. Available in black. Each roll is 3/4" x 30'.

Has excellent:

- Electrical Properties
- Water Resistance
- Ozone Resistance
- Corrosion Resistance at temperatures ranging from -40°C to 100°C continuous, and to 130°C for short periods.

For use in wrapping applications such as:

- Electrical cables - slices and terminators
- Corrosion Protection
- Moisture Proofing

P/N: 2515-30



Vinyl Plastic Electrical Tape

66 foot rolls x 3/4" wide black vinyl tape with a dielectric strength of 12,000 Volts and tensile strength of 15 lbs. per inch. Thickness of 7-9mils. Flexible stretch and waterproof. Will resist oil, gasoline, salt water, alkalis, sunlight, etc. UL approved.

P/N: 656



Hex Key Set

This eight piece set comes in a sealable clear plastic pouch.

Contains one each of the following sizes:

- .71mm
- .90mm
- 1.27mm
- 1.5mm
- 1.6mm
- 2.0mm
- 2.4mm
- 3.0mm



P/N: HK8

Tweezers

These high-quality tweezers can be used in numerous ways.
Use them to rescue dropped parts, or as an aid to holding and positioning small parts.

Fine Point Tweezer

Finely pointed tips for accurately positioning small parts. Great all-purpose tool.
Comes in a handy pouch.
4.75" long.

P/N: **T290**

"Wildear" Tweezer

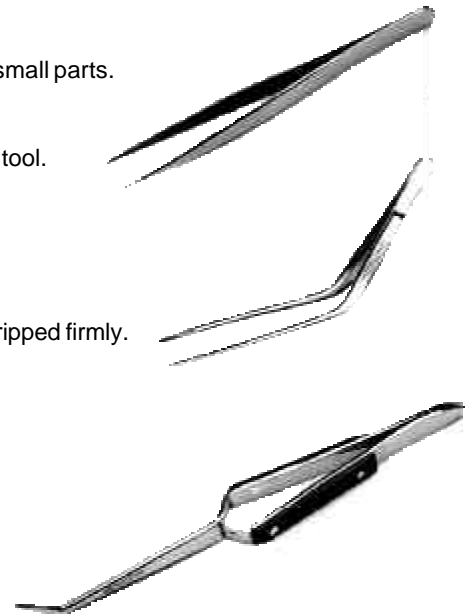
Angled tweezer for hard-to-reach areas. Serrated teeth allow parts to be gripped firmly.
5" long.

P/N: **T282**

Soldering Tweezer

Self-locking, curved tip tweezer. Heat resistant fiber grip handle.
Exceptionally strong spring action.
6.5" long.

P/N: **T297**



Wire Cutting Scissors

Angled wire cutting scissors insure even cutting of medium and small gauge wire.
One serrated and one smooth blade.
4.75" long.

P/N: **S264**



Hemostats

Multi-purpose Hemostats are a versatile tool with extraordinary holding qualities. When used to hold wires while soldering, the Hemostats will act as a heat sink. They can also be used to retrieve small parts from hard-to-reach places. Locking, box-joint construction with serrated tips. Stainless steel, with a high quality polished finish.

3.5" - Straight Tip

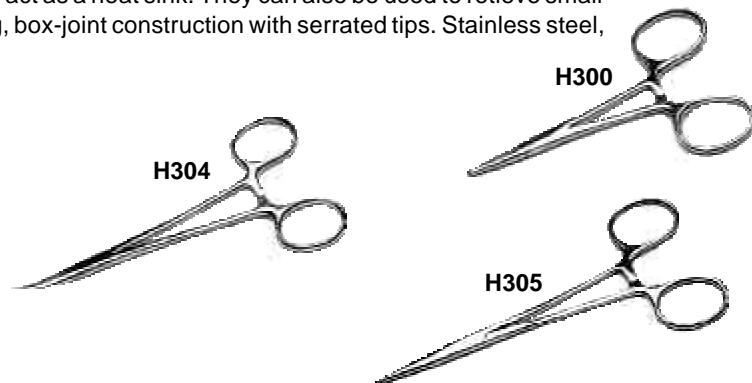
P/N: **H300**

5" - Curved Tip

P/N: **H304**

5" - Straight Tip

P/N: **H305**



Tool Case

This fitted vinyl tool case with zipper provides a convenient way to store and carry tools. The case has thirteen elasticized holders and a clear, snap-shut pouch. (Tools sold separately.)

P/N: **TC100**



Fuse Puller & Insertion Tool

This durable plastic tool can be used for removal of all 5mm and 1/4" diameter glass fuses. The second end allows the user to remove and insert blade-type fuses.

P/N: **FP100**



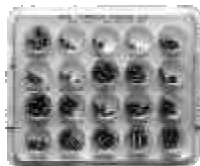
VCR Assortment Kits

VCR Tension Spring Kit

Contains 20 of the most popular Tension Springs used in many VCR Idler Assemblies.

- 5 springs of each size
- 100 total Tension Springs

P/N: **SK100**



VCR Assortment Parts Kit

A combination parts kit that contains popular VCR E-Clips, SG-Type E-Clips, Split Washers, Flat Washers, Compression Springs and Tension Springs.

- 4 sizes (10 ea.) E-Clips
- 2 sizes (10 ea.) SG-Type E-Clips
- 6 sizes (10 ea.) Split Washers
- 8 sizes (10 ea.) Flat Washers
- 8 sizes (2 ea.) Compression Springs
- 8 sizes (2 ea.) Tension Springs
- 7 sizes (4 ea.) Various Screws

P/N: **AK246**



VCR Felt Washer Kit

Contains 16 of the most popular Felt Washers used in many VCR Idler Assemblies.

- Adhesive backed on one side for easy mounting
- 5 Felt Washers of each size
- 80 total Felt Washers

P/N: **FK80**



VCR Compression Spring Kit

Contains 16 of the most popular Compression Springs used in many VCR Idler Assemblies.

- 5 springs of each size
- 80 total Compression Springs

P/N: **CS80**



VCR E-Clip & Washer Kit

- 4 of the most popular E-Clips
- 2 SG-Type E-Clips
- 6 Split Washers
- 8 Flat Washers
- 10 pieces of each size
- 200 total pieces

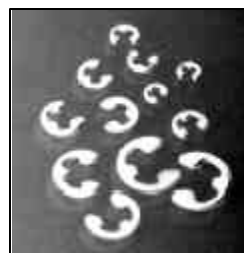
P/N: **EWK200**



Individual E-Clips

Six of the most popular E-Clips packaged individually. 25 E-Clips per package. Order by part number.

P/N:	Size
EK1.5	1.5mm
EK2	2.0mm
EK2.5	2.5mm
EK3	3.0mm
EK4	4.0mm
EK5	5.0mm



D.C./D.C. Converter Kits

Replaces RCA# 163818 and Hitachi# 5262063

- 1 DC - DC Converter
- 3 Capacitors
- 1 IC Protector

P/N: **DC11**



Replaces RCA# 173082 and Hitachi# 5262081

- 1 DC - DC Converter

P/N: **DC12**



Lightning Repair Kit

Matsushita (Panasonic, Quasar) Lightning Repair Kit

This kit contains the following components that commonly fail in Matsushita VCR power supplies for the years of 1988-1990.

- 2 Transistors
- 1 Diode
- 1 Zener Diode

P/N: **LR916**



IC Protectors

Original IC protectors are used in many brands of VCRs and Camcorders including Panasonic, JVC, RCA, Hitachi, Sony and many others.

P/N: AMP Rating

ICP-F10	.4
ICP-F15	.6
ICP-F20	.8
ICP-F25	1
ICP-F38	1.5
ICP-F50	2
ICP-F75	2.7



P/N: AMP Rating

ICP-N5	.25
ICP-N10	.4
ICP-N15	.6
ICP-N20	.8
ICP-N25	1
ICP-N38	1.5
ICP-N50	2
ICP-N75	2.7



INTEGRATED CHIP PROTECTOR KITS

These **integrated chip protector kits** come in a reusable, styrene box. The kits contain five of each IC Protector, which **can also be purchased separately**.



F-GROUP KIT

P/N: **ICKT35**

Contains **five** each of:

ICP-F10
ICP-F15
ICP-F20
ICP-F25
ICP-F38
ICP-F50
ICP-F75

N-GROUP KIT

P/N: **ICKT40**

Contains **five** each of:

ICP-N5
ICP-N10
ICP-N15
ICP-N20
ICP-N25
ICP-N38
ICP-N50
ICP-N75

Optoisolator

P/N: **VCR7001**

Panasonic ON3111



Photo Couplers

P/N: **VCR6001**

Used as Type #3098
Panasonic #TLP521-1Y
RCA #194224
Sharp #PC817
Sony #8-719-800-42



P/N: **VCR6002**

Panasonic #TLP621GR
Mitsubishi #286P033010
Sony #8-719-801-22
Sony #8-719-902-56



P/N: **VCR6006**

Used as Type #3041
Used as NAP #4835-1303-7057
Sharp #RH-FX0003CEZZ
Sony #8-719-901-98
Telefunken #4N35
Zenith #162-18



Photo Diodes

P/N: **VCR30**

NEC #3680-3003,4,9
Sony #8-719-118-33



P/N: **VCR32**

Emerson
Panasonic #LN58
Sharp
Sony #8-719-902-96
(Pink color)



P/N: **VCR33**

Emerson #0021121050
NEC #79V42617
Panasonic #LN59
Sharp #RHPX0099GEZZ
Sony #8-719-928-54
(Comes in either clear or translucent pink)



Photo Interrupters

P/N: VCR7

Sharp #RHPX0042GEEZ
Samsung #2309-110-2402V
Goldstar #513-194A
NEC #382002400



P/N: VCR9

Mitsubishi #268P02601
Also used in Sharp



P/N: VCR11

Panasonic #ON1105



P/N: VCR12

Sharp #RHPX0090GE02



P/N: VCR13

Akai #ET-361463
NEC #79V4266
Also used in Panasonic



P/N: VCR14

Panasonic #ON2160
NEC 79V40615



P/N: VCR15

Mitsubishi #268P014020



P/N: VCR16

Mitsubishi #268P045010



P/N: VCR17

Sony #8-759-144-33



Photo Transistors

P/N: VCR5

RCA #161757
Hitachi #5381681



P/N: VCR6

Hitachi #5381681
RCA #161757
(Same as VCR5
without bracket)



P/N: VCR20

Akai #ET-361490
Panasonic



P/N: VCR21

Hitachi
Mitsubishi
Toshiba #70114345



P/N: VCR22

Fisher #401403990
Hitachi #5380471
RCA



P/N: VCR23

Hitachi #5381811
NEC #79V40106
RCA



P/N: VCR24

Citizen, Lloyds,
MTC, Sharp
Sony #8-729-926-31



P/N: VCR25

Hitachi #5380132
Sony #8-729-110-21
NEC



P/N: VCR26

Panasonic #PN205



VCR Sensing Lamps

P/N: VCR1

6V 150mA
Panasonic #XAMV12S
RCA #144604
Sylvania #07-28777-294



P/N: VCR2

6V 150mA
Panasonic #XAMV0019
RCA #149389
Sylvania #07-28817-303



P/N: VCR3

6V 150mA - 8" Lead wire
Panasonic #XAMQ27P150W
RCA #144075
Sylvania #07-28777-433



P/N: VCR4

6V 60mA - 8" Lead wire
with connector
JVC #PU49557-2



P/N: VCR40

Sharp #RLMPM0008GEZZ



FISHER

143-0-4204-00300
143-0-4204-00400
Sears: 46-391261-3
PRB Replacement Tire = ST.985

P/N:
VA01



FISHER

143-0-4204-00100
Hitachi: 6413684
RCA: 148193
PRB Replacement Tire = ST1.243

P/N:
VA02



FISHER

143-0-4804-00100
PRB Replacement Tire = ST.390

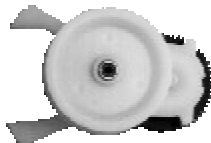
P/N:
VA03



FISHER

143-0-4904-00900

P/N:
VA04



AKAI

MI-361964
BL-B353110
No PRB Replacement Tire

P/N:
VA054



AKAI

MZ-366960

Includes VA056
PRB Replacement Tire = ST1.118

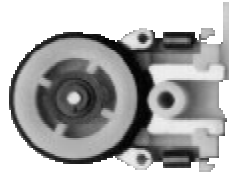
P/N:
VA055



FISHER/SANYO

143-0-741T-20001
**Part of VA05, VA06,
VA101, VA103**
PRB Replacement Tire = ST.685

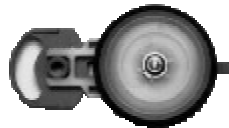
P/N:
VA07



FISHER

143-0-4204-00700
PRB Replacement Tire = ST1.130

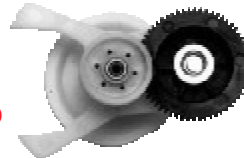
P/N:
VA08



FISHER

143-0-4904-02400

P/N:
VA09



JVC

PU48967B
Dual, Kenwood, Sansui:
PU48967B
PRB Replacement Tire = ST1.113

P/N:
VA10



JVC

PU51380A-2
PRB Replacement Tire = ST.463

P/N:
VA11



JVC

PU51402A
NEC: 79V20041
Penney, JC: PU51402A
PRB Replacement Tire = ST.689

P/N:
VA12



JVC

PU55373
NEC: 79V23059
PRB Replacement Tire = ST.463

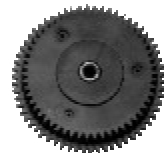
P/N:
VA13



JVC

PU56043-1-4
NEC: 79V29402
Toshiba: 70316131
Zenith: 861-654-01
Part of VA752 & VA756
PRB Replacement Tire = ST.948

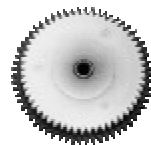
P/N:
VA14



JVC

PU56044-1-4
NEC: 79V29402
Toshiba: 70316131
Zenith: 861-655-01
Part of VA752 & VA756
PRB Replacement Tire = ST.948

P/N:
VA15



JVC

PU55374/3/8
NEC: 79V24802
PRB Replacement Tire = ST.988

P/N:
VA18



PANASONIC

VXP0329
Magnavox, Philco, Sylvania:
VXP0329
RCA: 152674
PRB Replacement Tire = ST1.330

P/N:
VA20



PANASONIC

VXP0401
RCA: 155574
PRB Replacement Tire = ST1.243

P/N:
VA21



PANASONIC

VXP0521, VXPS0069
Gen. Elect.: EW2X953
**Part of VA500
& Includes VA27**
PRB Replacement Tire = ST1.165

P/N:
VA22



PANASONIC

VXP0174, VXP0245
NAP: 7044250160
Philco: 07-28777-445/447
Quasar: VXP0174
RCA: 144263
Sylvania: 07-28777-447
PRB Replacement Tire = ST1.160

P/N:
VA23



PANASONIC

VXP0331
Gen. Elect.: EW2X762
Magnavox, Philco, Sylvania:
VXP0331
NAP: 7044250019
RCA: 152683
PRB Replacement Tire = ST1.230

P/N:
VA25



PANASONIC

VXP0344
Magnavox, Quasar, Sylvania:
VXP0344
NAP: 7044250414
Philco: 07-28977-415
RCA: 148580
PRB Replacement Tire = ST1.330

P/N:
VA26



PANASONIC

VXPS0116
Gen. Elect.: EW2X0953
Part of VA22, VA500
PRB Replacement Tire = ST1.165

P/N:
VA27



PANASONIC

VXPS0054
Gen. Elect.: EW2X752
Magnavox, Philco, Sylvania:
VXPS0054
NAP: 7044250337
RCA: 155739
PRB Replacement Tire = ST1.370

P/N:
VA28



TOSHIBA

70326538,
70326575, 70326616
RCA: 162662
PRB Replacement Tire = ST1.211

P/N:
VA30



RCA/HITACHI

Gen. Elect.: EW2X335
Hitachi: 6825371, 6865575,
6875371, 6875372, 6886971
RCA: 164113
Use With PRB# VA49
PRB Replacement Tire = ST1.014

P/N:
VA40



RCA/HITACHI

Gen. Elect.: EW2X0305,
EW2X0511
Hitachi: 6861471
RCA: 150614
PRB Replacement Tire = ST1.113

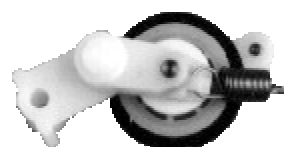
P/N:
VA41



RCA/HITACHI

Gen. Elect.: EW2X0512
Hitachi: 6861481, 6861482
RCA: 150650
PRB Replacement Tire = ST.670

P/N:
VA42



RCA/HITACHI

Hitachi: 6875386, 6875387,
6876043, 6876045
RCA: 158190
PRB Replacement Tire = ST1.165

P/N:
VA44



RCA/HITACHI

Hitachi: 6886792
RCA: 177194, 194883
When replacing the clutch plate,
#180935 or the idler assembly,
#180931 in a P-line VCR, BOTH
the clutch and idler must be
changed to the M-line type to
maintain compatibility.
Use With PRB# VA47

P/N:
VA45



RCA/HITACHI

Hitachi: 6413663
RCA: 147060

P/N:
VA46



RCA/HITACHI

RCA: 177206

Hitachi: 6886824

When replacing the clutch plate, #180935 or the idler assembly, #180931 in a P-line VCR, BOTH the clutch and idler must be changed to the M-line type to maintain compatibility.

Use With PRB# VA45

PRB Replacement Belt = SCQ5.3

P/N:
VA47



RCA/HITACHI

Pulley for 6886824

Part of VA47

P/N:
VA48



RCA/HITACHI

Hitachi: 6879515,
7375446

Use With PRB# VA40

PRB Replacement Belt = SCQ5.3

P/N:
VA49



SAMSUNG

Part of 5224-704-2208V

Part of VA53

PRB Replacement Tire = ST1.218

P/N:
VA50



GOLDSTAR

431-014A

PRB Replacement Tire = ST1.396

P/N:
VA51



GOLDSTAR

431-017A

PRB Replacement Tire = ST1.218

P/N:
VA52



SAMSUNG

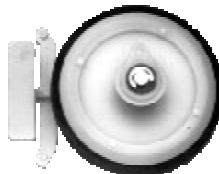
5224-704-2208

9000-250-3308V

Includes VA50

PRB Replacement Tire = ST1.218

P/N:
VA53



SAMSUNG

6052-600-3101/V

6052-611-310/V

Gen. Elect., RCA:192242

Penney, JC: 66052-600-310

Toshiba: BZ730066

PRB Replacement Tire = ST1.152

P/N:
VA54



SAMSUNG

5253-701-1105V

PRB Replacement Tire = ST.977

P/N:
VA55



SAMSUNG

5153-600-0114V,

65153-600-011

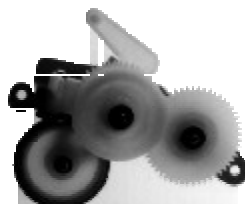
Gen. Elect.: 186480

RCA: 186480, 187878

Includes VA57

PRB Replacement Tire = ST1.152

P/N:
VA56



SAMSUNG

Part of 5153-600-0114V,

65153-600-011

Part of VA56

PRB Replacement Tire = ST1.152

P/N:
VA57



SHARP

NIDL0005GEZZ

PRB Replacement Tire = ST1.350

P/N:
VA60

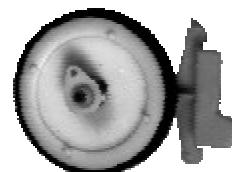


SHARP

NIDL0006GEZZ

PRB Replacement Tire = ST1.211

P/N:
VA61



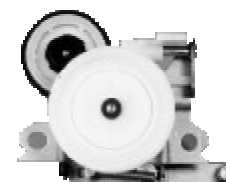
SHARP

NPLYV0107GEZZ

NPLYV0111GEZZ

PRB Replacement Tire = ST1.016

P/N:
VA63

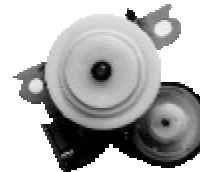


SHARP

NPLYV0103GEZZ

PRB Replacement Tire = ST1.016

P/N:
VA67



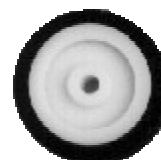
SONY

X-3653-315-0

X-3653-315-3

PRB Replacement Tire = ST.925

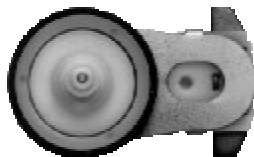
P/N:
VA70



NEC/LLOYDS

NEC: 16178179 (clutch),
16178176, 16180801,
16185251
Lloyds: 016118-0801
PRB Replacement Tire = ST1.205

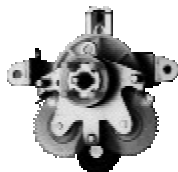
P/N:
VA80



MITSUBISHI

522P002010
Also used in Emerson VCRs
PRB Replacement Tire = ST.599

P/N:
VA90



MITSUBISHI

522A00201
PRB Replacement Tire = ST1.014

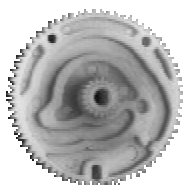
P/N:
VA91



MITSUBISHI

641B093010

P/N:
VA92



MITSUBISHI

641B094010

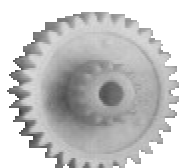
P/N:
VA93



MITSUBISHI

641D710010

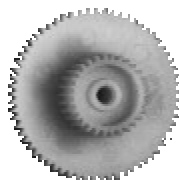
P/N:
VA94



MITSUBISHI

641D711010

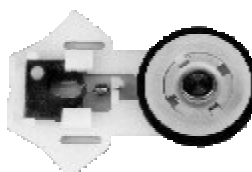
P/N:
VA95



MITSUBISHI

522B017010
PRB Replacement Tire = ST.850

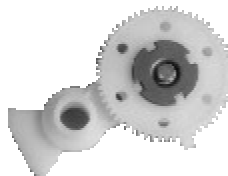
P/N:
VA96



MITSUBISHI

522B01801

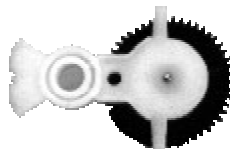
P/N:
VA97



MITSUBISHI

522B02002

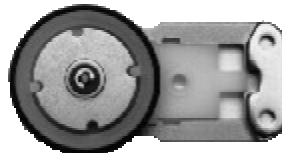
P/N:
VA98



FISHER/SANYO

Fisher: 143-0-662T-15620,
143-0-662T-1560
Sanyo: 613-037-4899
PRB Replacement Tire = ST1.118

P/N:
VA100



FISHER/SANYO

143-0-662T-10350
Includes VA07
PRB Replacement Tire = ST.685 (2)

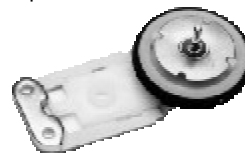
P/N:
VA103



FISHER/SANYO

143-0-662T-15621
PRB Replacement Tire = ST1.118

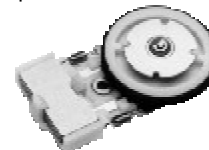
P/N:
VA104



FISHER/SANYO

Fisher: 143-0-662T-14730
Sanyo: 613-037-4875
PRB Replacement Tire = ST1.208

P/N:
VA105



JVC

PU58645-1-1/3/4
Zenith: 948-520,
948-522
PRB Replacement Tire = ST1.130

P/N:
VA150



PANASONIC

VXP0213
Magnavox: 70C002-4
NAP: 7044250156
Philco, Sylvania: 07-28777-442
Quasar: 49-90369A18
RCA: 144265
PRB Replacement Tire = ST.752

P/N:
VA200



PANASONIC

VXP0463
VXP0515

P/N:
VA202



PANASONIC

VXP0343, VXLS0081
PRB Replacement Tire = ST.470

P/N:
VA204

**PANASONIC**

VXL0997

P/N:
VA207

**PANASONIC**

Sector Gear
VDG0351
VDGS0200

P/N:
VA210

**PANASONIC**

VXP0599
Part Of VA500
PRB Replacement Tire = ST.753

P/N:
VA212

**PANASONIC**

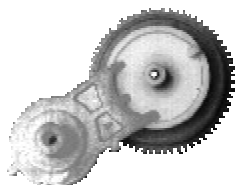
VXP0595

P/N:
VA213

**PANASONIC**

VXLS0383
VXLS0454

P/N:
VA215

**PANASONIC**

VXP0523

P/N:
VA217

**FUNAI**

8000-12-304

P/N:
VA350

**DAEWOO**

97SA507200
PRB Replacement Tire = ST1.156

P/N:
VA450

**DAEWOO**

97SA387600
PRB Replacement Tire = ST.675

P/N:
VA451

**DAEWOO**

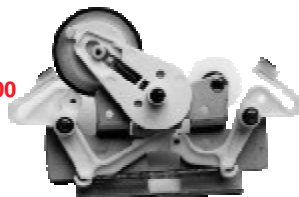
No PRB Replacement Tire

P/N:
VA452

**GOLDSTAR**

321-149B
**Includes VA22, VA27,
VA212, VA506**
PRB Replacement Tire = ST1.165
& ST.753

P/N:
VA500

**EMERSON**

850A200004

P/N:
VA501

**GOLDSTAR**

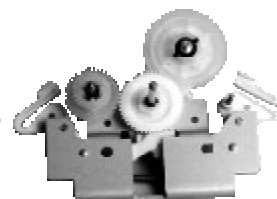
321-218A
Emerson: 321-218A
Zenith: 861-707

P/N:
VA502

**GOLDSTAR**

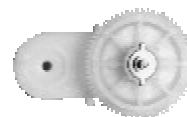
321-526A
Includes VA504, VA506

P/N:
VA503

**GOLDSTAR**

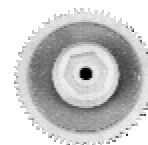
386-139A
321-253A
Part Of VA503

P/N:
VA504

**GOLDSTAR**

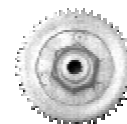
435-038A

P/N:
VA505

**GOLDSTAR**

321-256A
Part Of VA500, VA503

P/N:
VA506

**EMERSON**

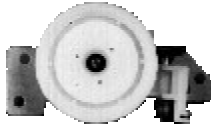
850A200005

P/N:
VA551

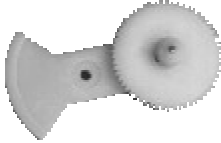


EMERSON

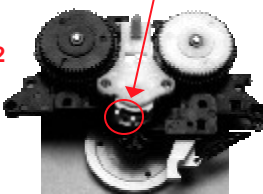
850A20021

P/N:
VA552**EMERSON**

850A20020

P/N:
VA553**EMERSON**VCR Post Limiter
850-A-600-039P/N:
VA554**JVC**

PU57658 B-3/B-4

*Includes VA14 & VA15*PRB Replacement Tire = ST.948 (2)
(VA752 has 2 posts)P/N:
VA752**MITSUBISHI**

641C63601

P/N:
VA753**MITSUBISHI**

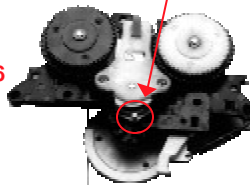
641C52501

P/N:
VA754**FUNAI**

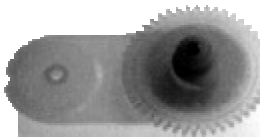
8000-12-305

P/N:
VA755**JVC**

PU55822 A-4/A-8

*Includes VA14 & VA15*PRB Replacement Tire = ST.948 (2)
(VA756 has 1 post)P/N:
VA756**FUNAI**

62D805909302

P/N:
VA757**HITACHI**6897094
6897095P/N:
VA758**FISHER/SANYO**

613-077-3586

*Use With PRB# VA761*P/N:
VA759**SAMSUNG**66054-609-410,
6054-609-4107V
Thomson: 201989P/N:
VA760**FISHER/SANYO**

613-022-2534

*Use With PRB# VA759*P/N:
VA761**GOLDSTAR**

433-015A

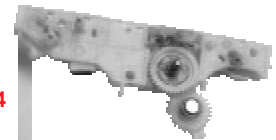
P/N:
VA762**SAMSUNG**6053-604-4114V,
66053-604-410,
Thomson: 207493,
201040, 210841

No PRB Replacement Tire

P/N:
VA763**GOLDSTAR**

321-397D

Zenith: 812-2029-02

P/N:
VA764**ORIGINAL****GOLDSTAR**

333-201B

P/N:
VA765**ORIGINAL****GOLDSTAR**

333-208A

Zenith: 917-863

P/N:
VA766**ORIGINAL****GOLDSTAR**

374-003A

P/N:
VA767**ORIGINAL**

GOLDSTAR

374-005A
Zenith: 928-129



P/N:
VA768

ORIGINAL**GOLDSTAR**

386-387B



P/N:
VA769

ORIGINAL**GOLDSTAR**

433-007A



P/N:
VA770

ORIGINAL**GOLDSTAR**

435-132A



P/N:
VA771

ORIGINAL**GOLDSTAR**

435-257B



P/N:
VA772

ORIGINAL**GOLDSTAR**

435-450A



P/N:
VA773

ORIGINAL**JVC**

PQ30028
Zenith: 834-163



P/N:
VA774

ORIGINAL**JVC**

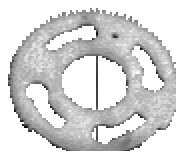
PQ40068
Zenith: 834-160



P/N:
VA775

ORIGINAL**JVC**

PQ40066-1-2
Zenith: 834-164-01



P/N:
VA776

ORIGINAL**JVC**

PQ40067-1-2
Zenith: 834-165-01



P/N:
VA777

ORIGINAL**JVC**

PTU96031-678C



P/N:
VA778

ORIGINAL**SONY**

X-3727-782-1



P/N:
VA779

ORIGINAL**SONY**

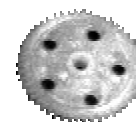
X-2625-356-2



P/N:
VA781

ORIGINAL**SONY**

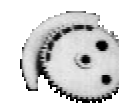
3-736-116-01



P/N:
VA782

ORIGINAL**SONY**

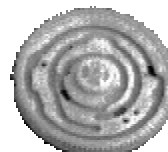
3-736-143-01



P/N:
VA783

ORIGINAL**SONY**

3-736-176-01



P/N:
VA784

ORIGINAL**JVC**

PQ43567A-13



P/N:
VA785

ORIGINAL**Audio Idler Assembly****SONY**

X-4920-346-1
PRB Replacement Tire=ST.525

P/N: AUD01

**ORIGINAL**