



AUSTRALIAN MARCO CATALOGUE



AUSTRALIAN MARCO CATALOGUE INDEX

CONTENTS	PAGE
1. Marco 8080 Powerfeed Machine	1
1.1 20mm Cable and Accessories	2
1.2 Cutters and Heads for 20mm Cable	3
1.3 Guide Spoon and Gloves	4
1.4 Electrical Spare Parts	5
1.5 Spare Parts - Marco 8000 Series	6-7
1.6 Dualfeed Unit	8
1.7 Spare Parts - Dualfeed Unit	9
2. Auto-Pak 25 (Pick-A-Pack)	10
2.1 Spare Parts - Auto-Pak 25	11
4. Top Snakes	12
4.1 Top Snake Parts and Accesories	13
5. Extendascope Closet Auger	14
6. Cable Repair	15
7. Warranty	16

1. MARCO 8080 POWERFEED DRAIN CLEANING MACHINE

Reece Product Code: 7101800

Standard Equipment Supplied

- 1 - 1/2" HP Australian Electric Motor and Foot Switch.
 - 1 - Dualfeed Unit
 - 1 - #1 Head Set
 - 1 - #46 Tool Box
 - 1 - Operation Manual
- Not included - 15 amp extension lead*






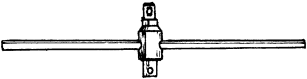

Contents of #1 Head Set

- 1 - #20 80mm Cutter
- 1 - #21 100mm Cutter
- 1 - #22 150mm Cutter
- 1 - #23 Spear Fin
- 1 - #24 Retriever
- 1 - #25 Auger
- 1 - #307 Root Cutter

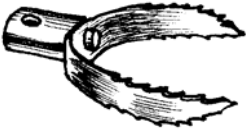
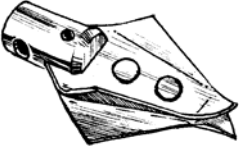






FEATURE	BENEFIT
Drum Machine	Minimum handling of cable. "One Man" transport.
20mm X 23M of Cable in Drum	Enough cable to handle most domestic situations.
Drum is very accessible and quick to change	Easy to add another cable and drum for long runs, also cleaning the drum or getting access to the cable necessary.
"Snap-lok" couplings.	Cable can be repaired very easily if it breaks. Coupling can be used to repair cable on site in approximately five minutes.
Exclusive Marco Plasticore Cable	The cable is an oil tempered quality wire coiled cable with a plastic core, which in turn has an inner steel core. The plastic adds to the cable body protection and the steel core adds strength.
Dualfeed™	Forward or Reverse at 0-22 feet per minute, can be instantly activated without changing motor direction while cleaning 80mm to 200mm drain and sewer lines.
Australian made motor	A 240v motor designed for Australian conditions. Much cheaper to replace, should it be necessary.
Wheel on handle.	Easy loading onto vehicles.
Foot switch operation.	Easy to control.
Foot switch disconnects	The very simple removal of the switch renders the machine impossible to use (useful in situations when there are young children around).

1.1. 20mm MACHINES, CABLES AND ACCESSORIES

	PRODUCT CODE	ITEM DESCRIPTION
	7101800	8080P POWERFEED DRAIN CLEANING MACHINE
	7101608	MARCO SEWER CABLE 20MM X 23MTR
	7101634	MARCO MALE COUPLING #728M 20MM
	7101633	MARCO FEMALE COUPLING #728F 20MM
	7101635	MARCO SPLICE COUPLING #728S 20MM
	7101637	MARCO "T" HANDLE-REPAIR
	7101610	MARCO SEWER DRUM ONLY SUIT 8000P #432
	7100373	MARCO SEWER DRUM & CABLE 23MTR ASSEMBLED

1.2. CUTTERS AND HEADS FOR 20mm CABLE

	PRODUCT CODE	ITEM DESCRIPTION	
 <p>No. 20, 21 & 22 Cutters are general-purpose cutters designed for light root cutting and descaling pipe.</p>	7101591	MARCO SEWER ROD CUTTER #20	80MM
	7101593	MARCO SEWER ROD CUTTER #21	100MM
	7101595	MARCO SEWER ROD CUTTER #22	150MM
 <p>No. 23 Spear Fin Head is designed to break up grease and hard material.</p>	7101597	MARCO SEWER ROD SPEAR FIN HEAD #23	
 <p>No. 24 New Style Retriever Head is designed for removal of rags, mopheads, and also for retrieving broken cables.</p>	7101599	MARCO SEWER ROD RETRIEVER HEAD #24	
 <p>No. 25 Auger Head is designed for clearing drains blocked with silt and fatty substances.</p>	7101602	MARCO SEWER ROD AUGER HEAD #25	
 <p>No. 307 Root cutter is designed for clearing blockages by cutting and tearing through blockages with a sharp edged blade.</p>	7101603	MARCO SEWER ROD ROOT CUTTER #307	
 <p>No. 312 100mm Trap Leader is designed for clearing obstructions in gully traps. Supplied with a 80mm cutter</p>	7101605	MARCO SEWER ROD TRAP LEADER	

1.3 GUIDE SPOON AND GLOVES



No. 808 Guide Spoon used for guiding Marco cable down sewer fittings such as Government I.P Boundary Traps etc.

<u>PRODUCT CODE</u>	<u>ITEM DESCRIPTION</u>
---------------------	-------------------------

7101640	MARCO GUIDE SPOON #808
---------	------------------------



Heavy Duty Drain Cleaning Gloves. Coated with PVC for extra protection from cable and material retrieved from blocked drains.

7101700	DRAIN CLEANING GLOVES H/DUTY
---------	------------------------------

1.4. ELECTRICAL SPARE PARTS

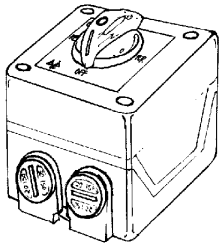
PRODUCT CODE	ITEM DESCRIPTION
--------------	------------------

ELECTRIC MOTOR

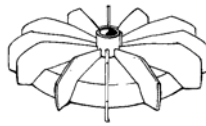
7101627	MARCO FWD/REV SWITCH COMP (GMG) #718 OLD STYLE
7101704	MARCO FWD/REV SWITCH COMP (CMG) #718 NEW STYLE
7101724	MARCO BASE FOR FWD/REV SWITCH (CMG)
7101630	MARCO FOOTSWITCH #719 WITH CABLE
7100364	MARCO CABLE GLAND (AUST) NG14

C M G MOTOR (Silver Colour) SPARE PARTS (Current Model)

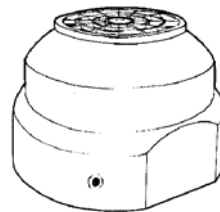
7101646	MARCO FAN COWL CMG10 5448
7101647	MARCO FAN CMG11 5092
7101648	MARCO CAPACITATOR COVER BASE CMG
7101649	MARCO CAPACITATOR COVER CMG
7100365	MARCO CAPACITOR C M G #160-192MFD 165V



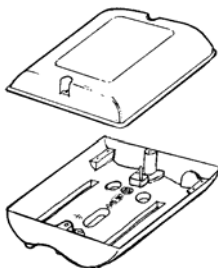
For/Rev Complete Switch



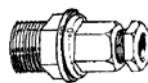
Typical Fan



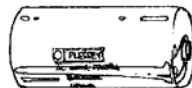
Typical Fan Cowl



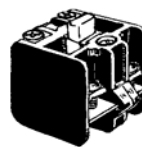
Typical Capacitor Cover



Cable Gland



Typical Capacitor



Contact Block

1.5. SPARE PARTS - MARCO 8000 SERIES POWERFEED

(Refer Figure 1)

KEY#	PRODUCT CODE	ITEM DESCRIPTION
10A	7101624	MARCO SPINDLE BEARING #711A
10A	7101625	MARCO DRUM SPINDLE & NUT FOR PF80
11	7101660	MARCO REAR HANDLE MOUNT N703
	7101662	MARCO AXLE ROD N705A
	7101623	MARCO SLEEVE SUIT 200MM WHEEL #706-8C (can be ordered on request)
13	7101622	MARCO WHEEL SEMI-PNEUMATIC 200MM #8999
13A	7101663	MARCO WHEEL LOADING 150MM N706-6
14	7101661	MARCO AXLE MOUNT RIGHT N704
15	7101667	MARCO AXLE MOUNT LEFT N730
16	7101669	MARCO CABLE DRUM BRAKE N736-5
17	7101701	MARCO ELECTRIC MOTOR .5HP LESS FT/SWITCH
18	7100357	MARCO MOTOR MOUNT COMPLETE 9111/N716
20	7101626	MARCO HANDLE COMPLETE WITH WHEEL #712
21	7100358	MARCO PULLEY GUARD 8700/P120
22	7101654	MARCO VEE BELT A47 / N36
23	7101666	**MARCO BACK DRUM CASTING SET N713 (can be ordered on request)
24	7100359	**MARCO DRUM RING 8788/N715 (can be ordered on request)
26	7101615	MARCO LOCK PIN SUIT 8000 MACHINE #9277
27	7100360	MARCO SPLASH COVER 8699/119
28	7100361	**MARCO DRUM BRAKE ASSEMBLY N736 (can be ordered on request)
	7100362	**MARCO BRAKE ARM AND SHOE 9211/N736-3 (can be ordered on request)
35	7101588	MARCO TOOL BOX (PF8080) COMPLETE W/HEAD SET
	7101589	MARCO DRAIN CLEANING MACHINE TOOL BOX ONLY
36	7101670	MARCO SMALL PULLEY N737
	7100363	MARCO LARGE PULLEY (BRAKE DRUM) N737B

1.6. DUALFEED UNIT

- Suitable for 8000 Series Powerfeed Machines.
 - Old MARCO machines with PF80R Front End can be fitted with the NEW Dualfeed Unit.

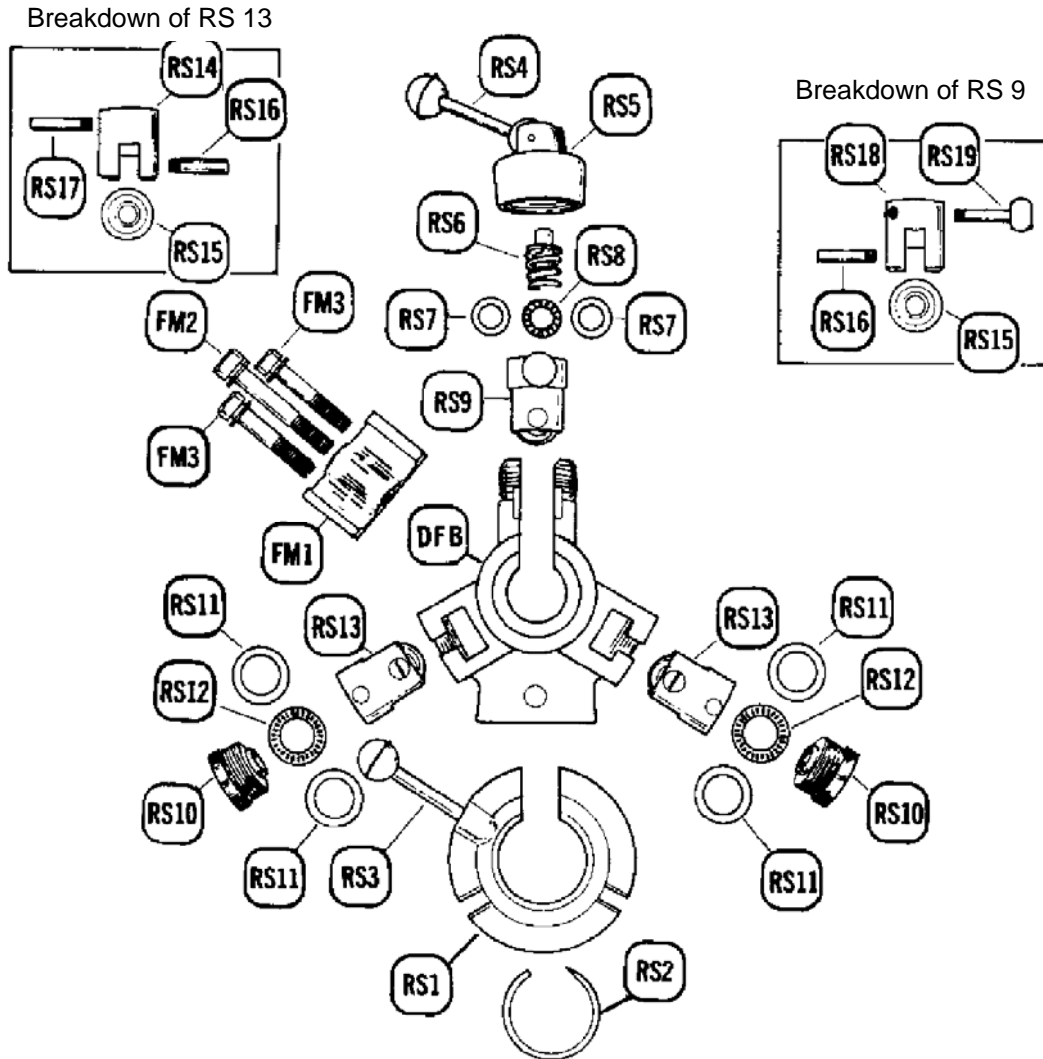


FIGURE 2

PRODUCT CODE	ITEM DESCRIPTION
7101781	MARCO DUAL FEED UNIT # 6588NEW STYLE <u>EXCLUDING GUIDE SPRING</u>

KEY#	PRODUCT CODE	ITEM DESCRIPTION
DFBN	7101782	MARCO DUAL FEED BODY CASTING NEW STYLE , if you are replacing an old style casting you must replace the top bearing holder with a new style one (RS18). Code 7101784. The old one will not fit the new one
RS1	7101671	MARCO DUAL FEED CAM PLATE RS1 OLD STYLE
RS1	7101688	MARCO DUAL FEED CAM PLATE RS1 NEW STYLE

1.7. SPARE PARTS - DUALFEED UNIT

Refer Figure 2

KEY#	PRODUCT CODE	ITEM DESCRIPTION
RS2	7101681	MARCO DUAL FEED CAM PLATE LOCK RING RS2
RS3	7101682	MARCO DUAL FEED CAM PLATE HANDLE RS3
RS4	7101683	MARCO DUAL FEED TOP CAP CAM HANDLE RS4
RS5	7101684	MARCO DUAL FEED TOP ADJUSTING CAP RS5
RS6	7101685	MARCO D/FEED SPRING & CAM PLUNGER RS6
RS7	7101686	MARCO DUAL FEED WASHER TOP BEARING RS7
RS8	7101687	MARCO DUAL FEED BEARING TOP BEARING RS8
RS9	7100352	MARCO D/FEED TOP BEARING HOLDER COMP OLD
RS9	7101784	MARCO D/FEED TOP BEARING HOLDER ONLY NEW
RS9N	7101783	MARCO D/FEED TOP BEARING HOLDER COMP NEW
RS10	7101672	MARCO D/FEED BOTTOM ADJUST CAP BOLT RS10
RS11	7101673	MARCO D/FEED WASHER BOTTOM BEARING RS11
RS12	7101674	MARCO DUAL FEED BOTTOM BEARING(FLAT)RS12
RS13	7100353	MARCO BOTTOM BEARING RS13
RS14	7101675	**RCO D/FEED BOTTOM BEARING HOLDER RS14 (can be ordered on request)
RS15	7101676	MARCO DUAL FEED SMOOTH FORM ROLLER RS15
RS16	7101677	MARCO D/FEED AXLE SUIT RS15 BEARING RS16
RS17	7101678	MARCO D/FEED BOTTOM HOLDER CAM PIN RS17
RS18	7101679	**RCO D/FEED TOP BEARING HOLDER RS18 OLD (can be ordered on request)
RS18N	7101784	MARCO D/FEED TOP BEARING HOLDER ONLY NEW
RS19	7101680	MARCO D/FEED TOPHOLDER CAM KNOB PIN RS19
FM1	7101652	**MARCO DUAL FEED MOUNTING BLOCK 9820 (can be ordered on request)
FM2	7101653	MARCO DUAL FEED MOUNTING BLOCK BOLT 9821

2. AUTOPAK 25 (PICK-A-PAK)

AutoPak

Features:

For clearing drains 40mm to 80mm in diameter

Safety-proven double insulated, shock-proof, heavy duty motor with variable speed control

"Mini-Feed" for fully automatic 0 to 22 feet per minute feed and retrieval

Supplied with 10mm x 7.5m Plasticore cable, Open Cutter, Drop Head and Bore Head all in a sturdy metal carry case



PRODUCT CODE ITEM DESCRIPTION



7100435 MARCO AUTOPAK 25 C38 X 7.5MTR COMPLETE

SPARE PARTS AND ACCESSORIES FOR AUTOPAK 25



7100423 MARCO SNAPLOCK BORE HEAD AUTOPAK 25 10MM



7100424 MARCO SNAPLOCK DROP HEAD AUTOPAK 25 10MM



7100425 MARCO SNAPLOCK OPEN CUTTER AUTOPK25 10MM



7100408 MARCO CABLE MALE COUPLING C38 10MM



7100407 MARCO CABLE FEMALE COUPLING C38



7100405 MARCO CABLE A/PAK25 & T/SNAKE C10MM X 7.5M

NEW STYLE FEED SYSTEM (Released June 95)

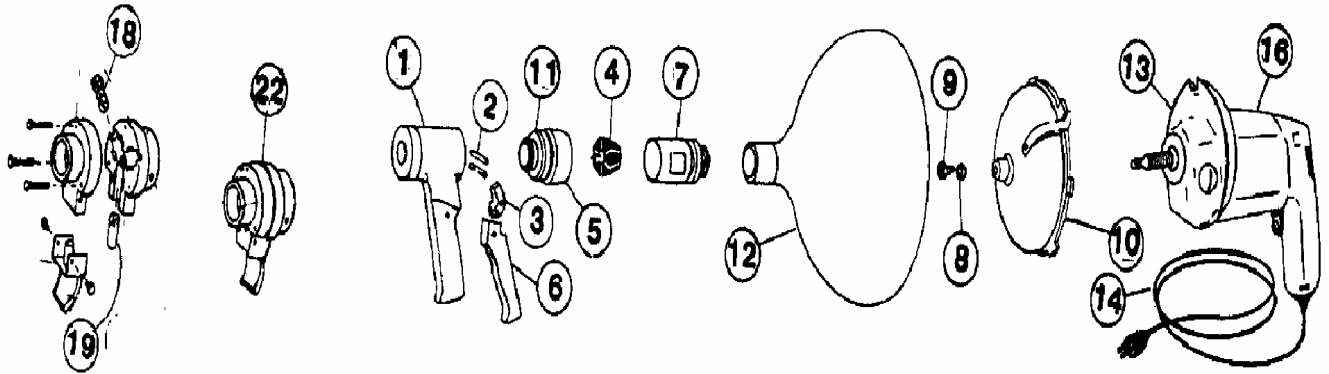


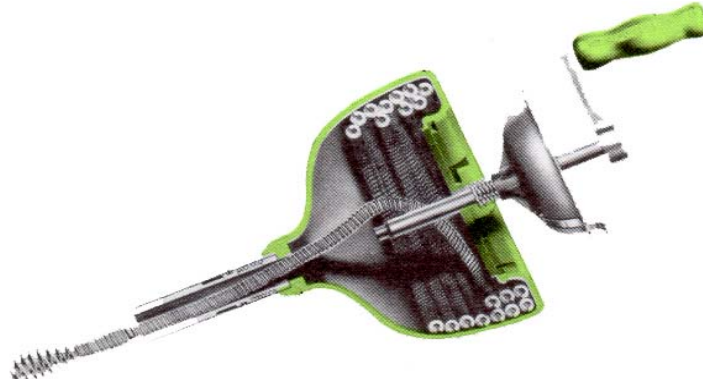
Figure 3

KEY# PRODUCT CODE ITEM DESCRIPTION

(Refer Figure 3 above)

1	7101780	**RCO S-1 AUTOPAK CHUCK BODY (NEW STYLE) (can be ordered on request)
2	7100432	**ARCO AUTOPAK S-4 ADJUSTING SCREW #5333 (can be ordered on request)
3	7100433	**ARCO AUTOPAK S-5 ADJUSTING SCREW #5344 (can be ordered on request)
4	7100366	MARCO RUBBER COLLETT S288/S6
5	7100452	MARCO SC SPINDLE CAP ASSY WITH S6 COLLET
6	7101712	GRIPPING LEVER S-12 MARCO 5411
7	7101730	MARCO SQUEEZE SPINDLE ASSY & COLLET
10	7101734	MARCO FLANGE ADAPTOR S-16 # 5455
	7101732	MARCO H500H FLANGE ADAPTOR #1344 OLD STYLE
11	7100434	MARCO AUTOPAK S-17 BALL BEARING SET (17)
12	7100367	MARCO DRUM ONLY SUIT PICKAPACK 5166/MP38
16	7100436	MARCO AUTOPAK DRILL ONLY #9781
18	7100368	MARCO TOP MINI FEED ROLL OLD STYLE
	7100375	MARCO TOP MINI FEED ROLL NEW STYLE
19	7100369	MARCO BOTTOM MINI FEED ROLL #5953 OLD STYLE
	7100376	MARCO BOTTOM MINI FEED ROLLER NEW STYLE
22	7100370	MARCO PICKAPACK MINI FEED COMP W/3 SCREW

4. TOP SNAKES



The TOP SNAKES with a 6mm bore head is for use in 40mm to 50mm basin and sink wastes and is available in a 7.5m Plasticore cable length.

- The TOP SNAKES with a 10mm bore head or 10mm "snaplok" head, are for use in 40mm to 65mm waste pipes & Drains, and is available in a 7.5m length of Plasticore cable.
- All TOP SNAKES have the offset handle for revolving balance. The handle casting is quickly removed for inspection & maintenance. Positive lock on spring when turning handle to right – revolve handle to left to release spring.

PRODUCT CODE ITEM DESCRIPTION

ECONOMY TOP SNAKE

7100413 MARCO ECONOMY TOP SNAKE 1055 6MM

TOP SNAKES COMPLETE WITH BORE HEAD

7100410 MARCO TOP SNAKE DRAIN CLEANER 6MM X 7.5M

TOP SNAKE COMPLETE WITH "SNAPLOK" INTERCHANGEABLE HEADS

7100442 MARCO TOP SNAKE W/HEAD SET 10MM X 7.5MTR

TOP SNAKES SPARE PARTS AND ACCESSORIES CABLES







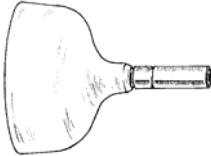



7100401 MARCO CABLE SUIT TOP SNAKE **B**6MM X 4.5MTR

7100402 MARCO CABLE SUIT TOP SNAKE **B**6MM X 7.5MTR

7100405 MARCO CABLE A/PAK25 & T/SNAKE **C**10MM X 7.5M

Note. **B** stands for **BORE HEAD** and **C** stands for **SNAP LOK HEADS**

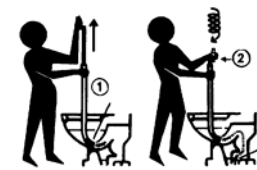
4.1. TOP SNAKE SPARE PARTS AND ACCESSORIES - MARCO

PRODUCT	DESCRIPTION
	7100421 MARCO SCREW ON BORE HEAD MARCO 6MM
	7100422 MARCO SCREW ON BORE HEAD 10MM
	7100425 MARCO SNAPLOCK OPEN CUTTER 10MM
	7100424 MARCO SNAPLOCK DROP HEAD 10MM
	7100408 MARCO CABLE MALE COUPLING C38 10MM
	7100407 MARCO CABLE FEMALE COUPLING C38 10MM
	7100417 MARCO TOP SNAKE DRUM HANDLE&CASTING HC25
	7100371 MARCO TOP SNAKE DRUM ONLY MP2500/MPD25
	7100416 **MARCO TOP SNAKE HANDLE CASTING MPC (can be ordered on request)
	7100418 MARCO TOP SNAKE HANDLE ONLY MPH
	7101732 MARCO H500H FLANGE ADAPTOR #1344 OLD STYLE

5. EXTENDASCOPE CLOSET AUGER



- Designed for use in clearing toilet pan blockages but can also be used with urinal blockages and in some instances shower risers.
- Cable on the Closet Auger extends from 900mm to 1800mm when depressing male coupling button on handle.
- Extra cable can be added on end of Closet Auger cable to clear that extra length of drain.
- The 1200mm extensions are economical, easily stored and transported and are quickly assembled with Marco "Snap-lok".



① Pull handle up — insert into Bowl opening ② Turn down for 3 ft. run — Press button near handle to release spring. (extra 3 ft. is stored in handle).



③ Pull back handle — lock extra 3 ft. at bottom of handle tube. ④ Turn down for total 6 ft. (reverse procedure on return).

PRODUCT CODE	ITEM DESCRIPTION
--------------	------------------



7100349

CLOSET AUGER WHE3-6 MARCO 1116

CLOSET AUGER SPARE PARTS AND ACCESSORIES



7100409

MARCO CABLE CRAWL HEAD C38 10MM



7100411

MARCO CABLE DROP HEAD C38 #1255 10MM



7100412

MARCO CABLE MALE COUPLING CL28M #1277

7100348

MARCO CLOSET AUGER EXT CABLE REFILL 1.2M

7101774

MARCO WHE 150MM LEADER SPRING ONLY #1124

6. CABLE REPAIR

A very common cause of broken cables as previously stated, is fatigue caused by overheating. This problem can be minimised and the life of the cable extended, by making sure your machine is always kept in good condition and operated in a proper manner.

Please note that any chemicals put into drains whether caustic or acidic, can have a detrimental effect on the cables. This is called hydrogen embrittlement and it will occur within minutes of contact. Always neutralise or remove from the drain before using your Marco machine.

There are two approved methods of repair. The most common, and easier method is to use a 728F ¾" and a 728M ¾" Male Snaplock coupling on the each end, and then push the two couplings together. The other method is to use a 728S ¾" Splice Coupling. This makes a more compact repair, but the coupling is more difficult to fit.

REPAIR

The following is the suggested method of repair using the two Snaplock Couplings.

1. Cut off approximately 150mm of cable from the break. This will generally remove most of the fatigued cable. Care must be taken when cutting to ensure the cable does not overheat.
2. Grind the cut end of the cable with either a bench or angle grinder, so that the end is flat and at right angles to the cable (Fig 1.) Grinding off the end will allow the coupling to seat down properly against the cable, and will minimise the chance of snapping the coupling when fitting. As before, care must be taken to ensure the cable does not overheat whilst grinding. Remove any metal burr from the cable end with a file.
3. Clamp the cable securely in a vice, leaving about 20-25mm protruding above the vice (Fig 3). Drill out the centre of the plasticore and wire to the depth of about 25mm using a **19/64" Drill bit**.
4. Place either a male or female coupling into the TH728R Coupling Tool (Fig 3). Put a small amount of grease on the coupling thread and while maintaining a downward pressure between the coupling thread and the cable end, rotate the handle in a clockwise direction until the coupling is fully inserted into the cable end.
5. Repeat with the other cable end and coupling. If you have difficulty when starting to screw in the coupling, insert a screwdriver blade under the first coil and lift this section slightly while making the first insertion.
6. To test that the coupling is correctly fitted, attach the TH728R Coupling Tool to the coupling and apply mild pressure in an anti clockwise direction. The coupling should not unscrew.

The TH728R Coupling Tool has been developed by staff who has fitted countless couplings and is available at your nearest Reece Plumbing Centre.

Grind the cut end of the cable

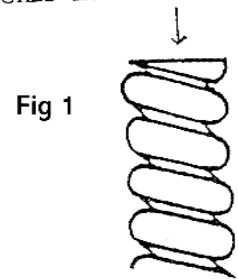


Fig 1

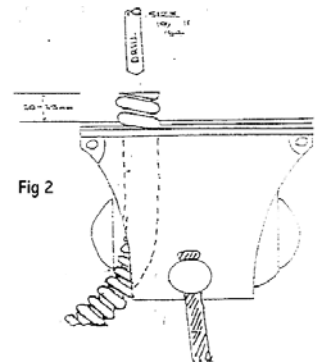


Fig 2

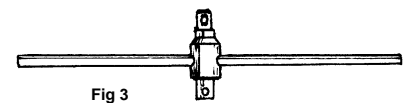


Fig 3

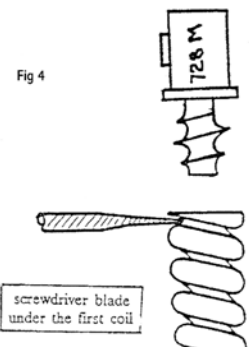


Fig 4

Warranty

Marco Drain Cleaners are covered for 12 months against the defects of manufacture and poor workmanship, exclusive of fair wear and tear.

Damage caused by accidental or improper use is not covered.

Expendable materials, such as cables and cutting heads are not covered due to the variation in Drain and Blockage conditions.