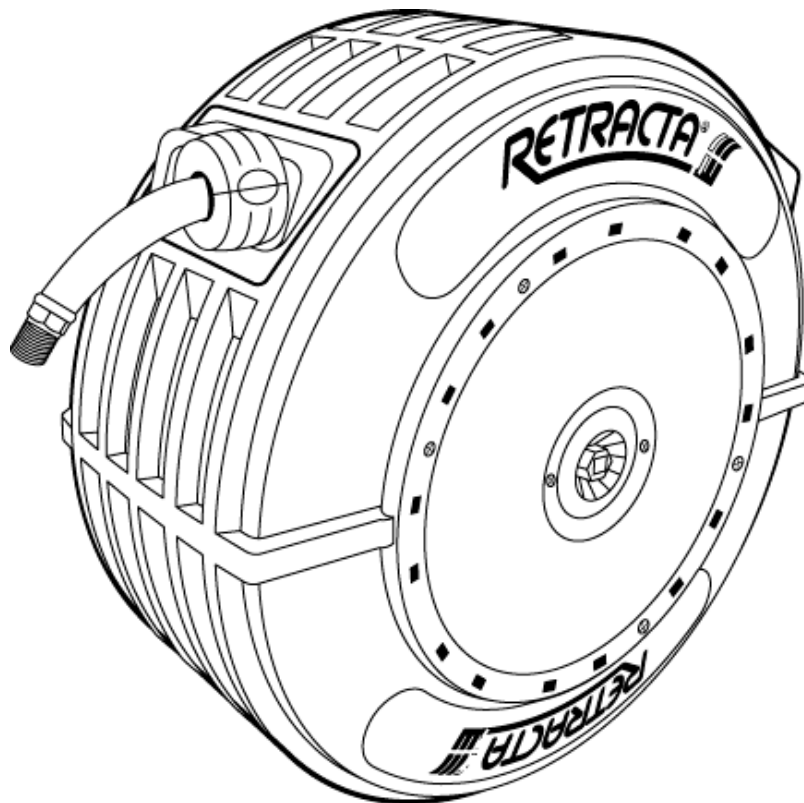




Owners Manual



Model Type

Air
Air/Water
Hot/Cold Water/Coolant
Horticultural
Weed pesticide
Oil / Grease

Quality Hose Reels

INTRODUCTION

Thank you for purchasing the Retracta R3 retractable hose reel.

PLEASE READ THIS SAFETY INFORMATION CAREFULLY BEFORE USE.

Read and retain this instruction manual to assist you in the operation of your new product.



'CAUTIONS' are listed throughout this manual to advise of actions that may cause damage to you're the operator or to the equipment.



CAUTION

The following general warnings should be observed when installing, operating or maintaining hose reel equipment. Further specific warnings pertaining to specific dangers may be found within this document

- * Do not exceed the maximum working pressure for this reel. (Refer to the product specifications)
 - * Check equipment daily for wear or damage. (Replace worn or damaged items immediately with genuine replacement parts).
 - * Check equipment daily for leaks. (Repair or replace as required)
 - * Only use compatible fluids with this reel. (Refer to compatible fluids in product specifications)
 - * Use equipment for intended use only.
 - * Do not attempt to stop leaks with your hand or body.
 - * Do not alter or modify equipment.
 - * Use reel in well ventilated areas if toxic or flammable fluids are in use
 - * Do not let go of the hose when rewinding.
- Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.**



Note,

This is not an exhaustive list of hazards and warnings. All care should be taken to maintain safe working procedures when installing, operating and maintaining the equipment. It is recommended that only trained professional trades people with the appropriate working knowledge of such equipment be charged with its installation and maintenance.

INSTALLATION INSTRUCTIONS

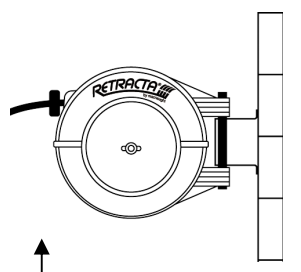


Fig.1 Wall mounting (max height 1.4m)

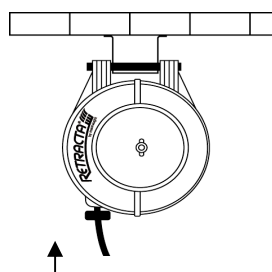


Fig.2 Overhead mounting (max height 4.5m)

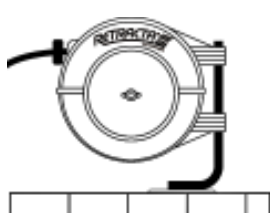


Fig.3 BB200 Bracket - Floor/Bench

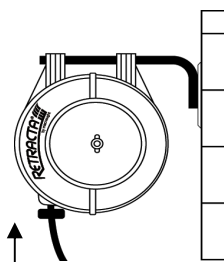


Fig.4 BB200 Bracket High wall mounting (max height 4.5m)

- 1) Use appropriate hardware to secure and support the reel and bracket to desired location and weight of the fluids.
(refer to back page for mounting bracket template)
- 2) Prevent the reel from swiveling in the overhead position (figure 2) by install locking bracket RP157 (supplied).
- 3) If spring recoil tension requires adjusting refer to “Add spring tension” for correct procedure
- 4) Connect the fluid supply line to the side of the reel making sure to tighten appropriately.
- 5) It is recommended that an isolation valve is installed before the reel inlet.
- 6) Connect a desired hose-end attachment and tighten appropriately. Thread sealant may be required.
- 7) Purge the air from the reel and check for any leaks or damage before initial use.
- 8) Before carrying out any maintenance, close isolation valve and remove all line pressure.

INCREASE SPRING TENSION

(ALL MODELS)

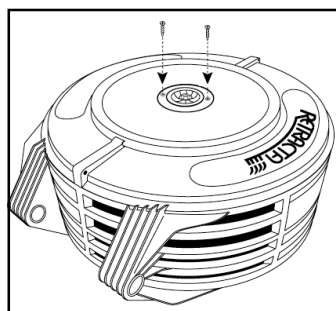


CAUTION

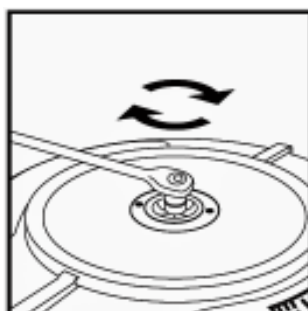
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



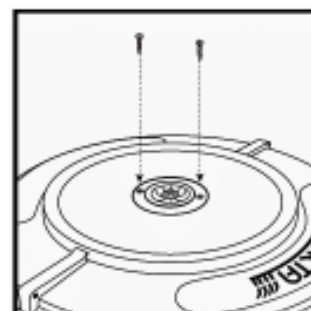
1) Remove screws



2) Add 2 complete turns
Note: 1 click on hub equals 90 deg



3) Replace screws



REMOVE / REPLACE TENSION SIDE PLATE

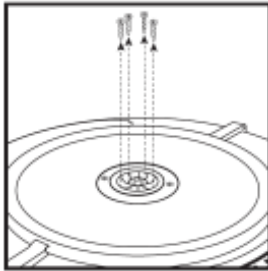
(ALL MODELS)



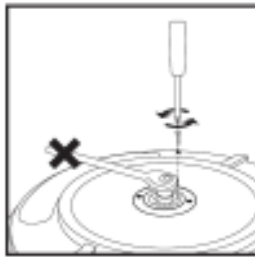
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



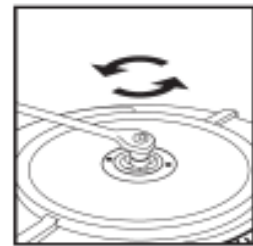
1) Remove screws with magnetic screwdriver



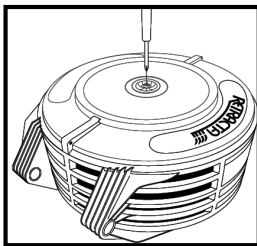
2) Hold hub and remove screws



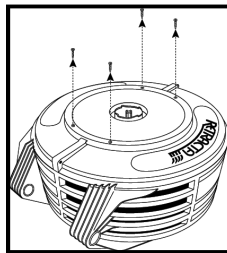
3) Release spring tension



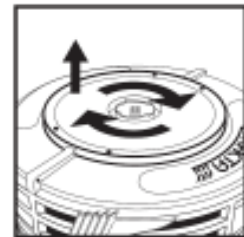
4) Remove screw and center hub



5) Remove screws.



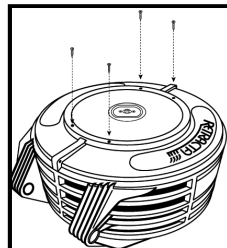
6) Remove side plate



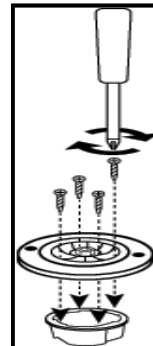
7) Fit new side plate.



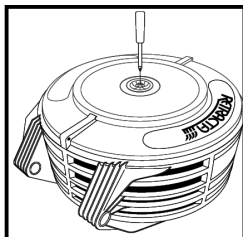
8) Fit screws.



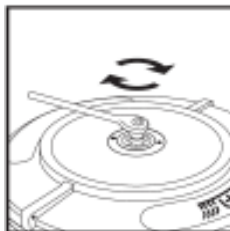
9) Fit screws



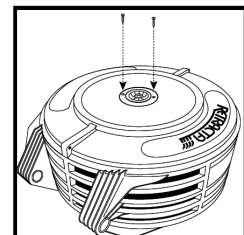
10) Fit screw.



11) Add 2 complete turns



12) Fit screws



HOSE REPLACEMENT INSTRUCTIONS

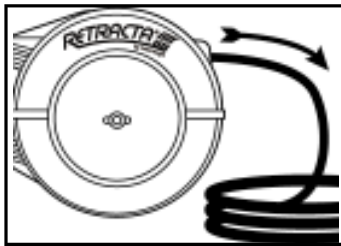
(ALL MODELS EXCEPT GREASE)



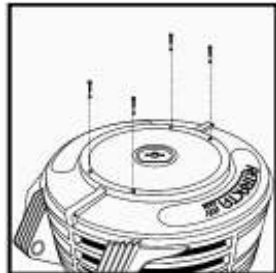
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



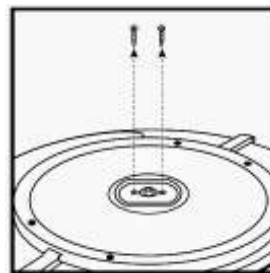
1) Pull out hose and latch



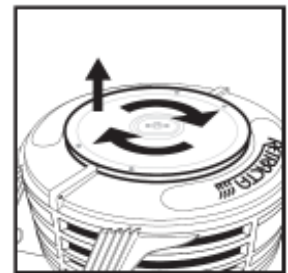
2) Remove screws



3) Remove screws



4) Remove plate



5) Remove cable tie

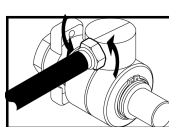


6) Remove swivel

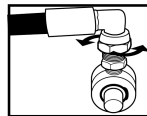
(Air/Water/Hort)



(Hot Water)



(High Press Water and Oil)



7) Remove old hose

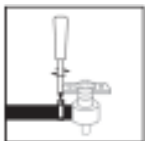


8) Fit new hose

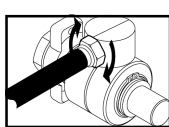


9) Attach hose to the swivel

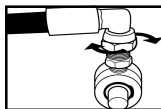
(Air/Water/Hort)



(Hot Water)



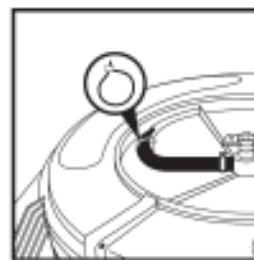
(High Press Water and Oil)



10) Fit swivel assembly



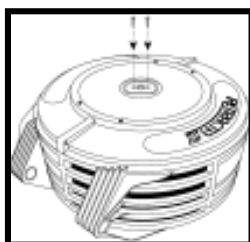
11) Fit cable tie



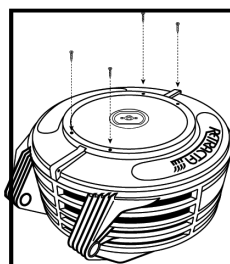
12) Fit sideplate



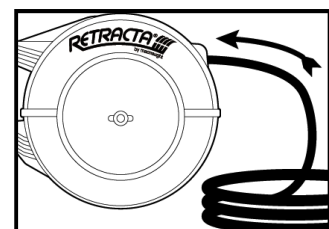
13) Fit screws.



14) Fit screws



15) Recoil hose evenly into reel



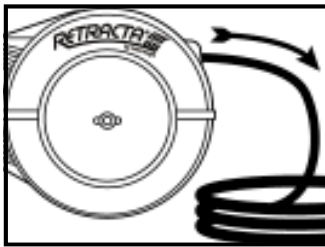
HOSE REPLACEMENT INSTRUCTIONS (GREASE)



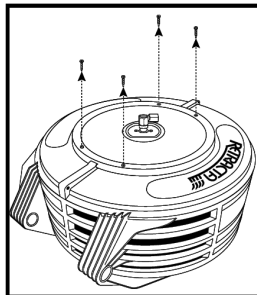
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



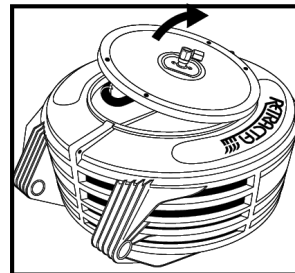
1) Pull out hose and latch



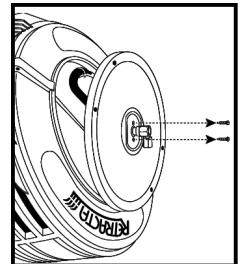
2) Remove screws



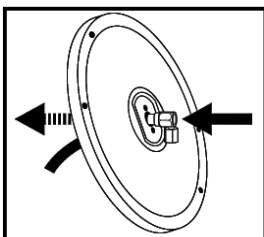
3) Remove sideplate



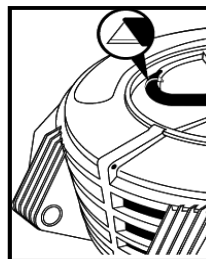
4) Remove screws



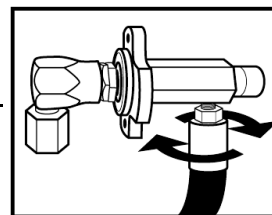
5) Remove swivel



6) Remove cable tie



7) Remove hose from swivel



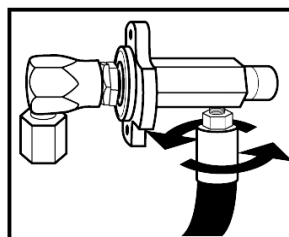
8) Remove old hose



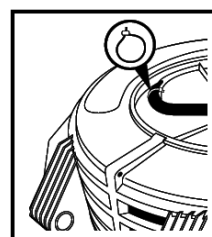
9) Fit new hose



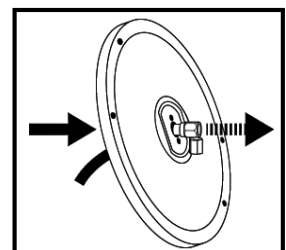
10) Fit hose to swivel



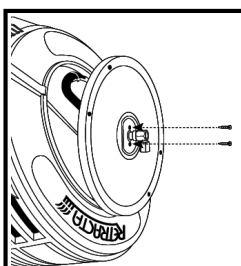
11) Fit cable tie



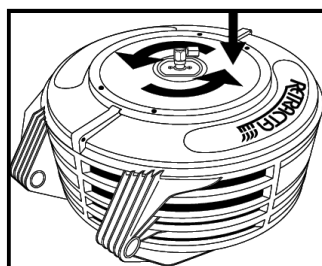
12) Fit swivel through side plate



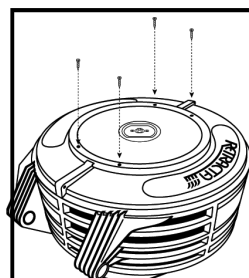
13) Fit screws.



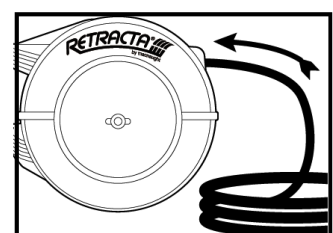
14) Fit side plate



15) Fit screws.



16) Recoil hose evenly into reel



SWIVEL REPLACEMENT SWIVEL SEALS REPLACEMENT

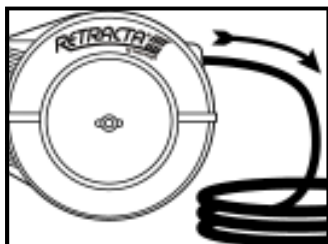


(AIR / AIR-WATER / COOLANT)
(HORTICULTURAL / WEED PESTICIDE)

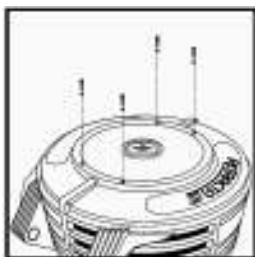
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



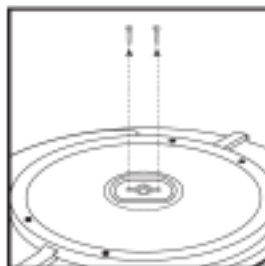
1) Pull out hose and latch



2) Remove screws



3) Remove screws



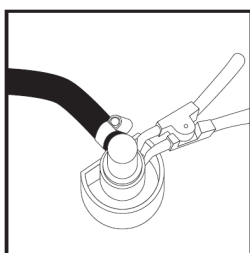
4) Remove plate



5) Remove cable tie

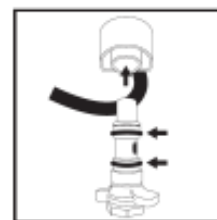


6) Remove circlip



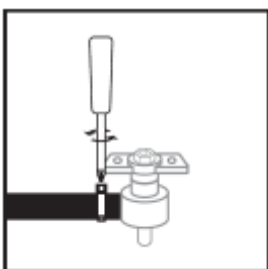
Swivel O'ring Replacement instructions
(use steps 1-7 & 9-14)

- 7) a) Remove body from shaft
- b) Replace o'rings
- c) Apply water resistant grease
- d) Re-fit swivel body and circlip



Swivel replacement Instructions
(use steps 1-5 & 8-14)

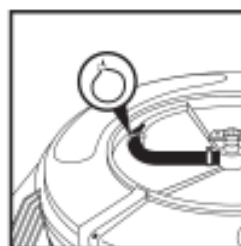
8) Remove swivel



9) Fit swivel assembly



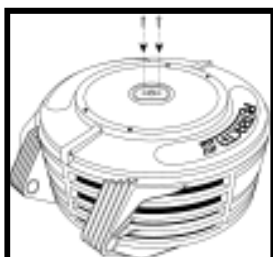
10) Fit cable tie



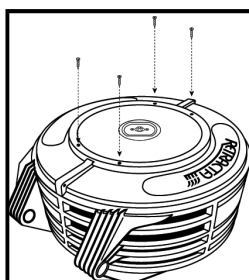
11) Fit sideplate



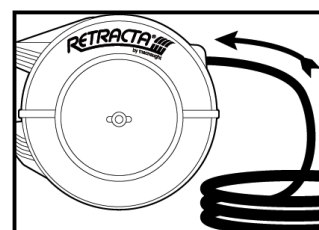
12) Fit screws.



13) Fit screws



14) Recoil hose evenly into reel



SWIVEL REPLACEMENT SWIVEL SEALS REPLACEMENT

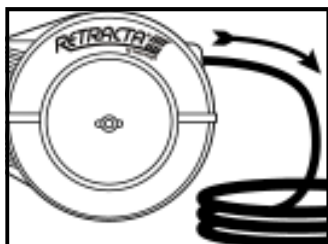
(OIL / HOT WATER)



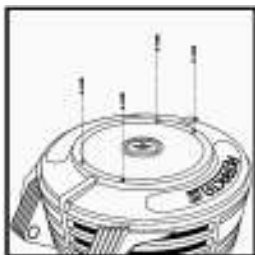
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



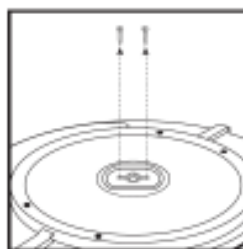
1) Pull out hose and latch



2) Remove screws



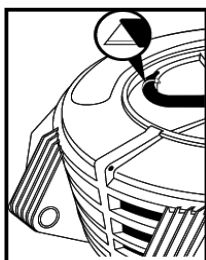
3) Remove screws



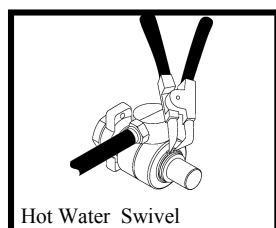
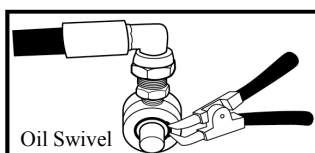
4) Remove plate



5) Remove cable tie



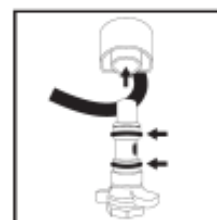
6) Remove circlip



Swivel O'ring Replacement instructions
(use steps 1-7 & 10-15)

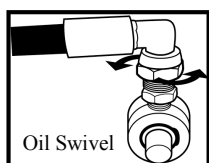
- 7)

- a) Remove body from shaft
- b) Replace o'rings
- c) Apply water resistant grease
- d) Re-fit swivel body and circlip

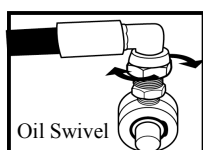


Swivel replacement Instructions
(use steps 1-5 & 8-15)

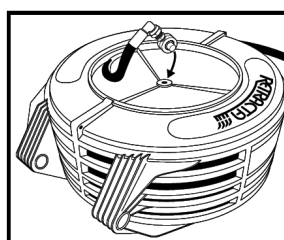
8) Remove hose from swivel



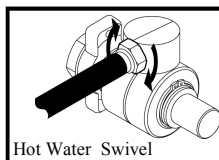
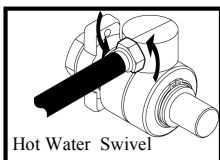
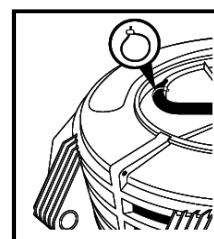
9) Fit hose to new swivel



10) Fit swivel assembly



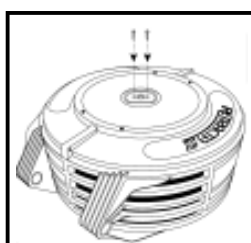
11) Fit cable tie



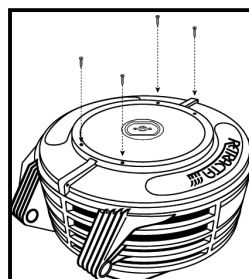
12) Fit sideplate



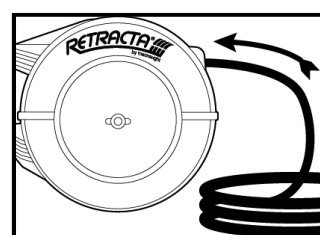
13) Fit screws.



14) Fit screws



15) Recoil hose evenly into reel



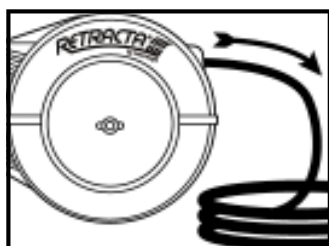
SWIVEL REPLACEMENT (GREASE)



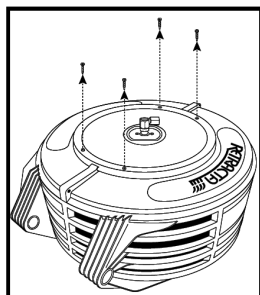
Before attempting any maintenance disconnect and turn off supply line then release line pressure.



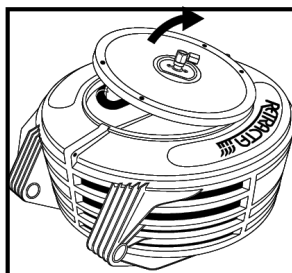
1) Pull out hose and latch



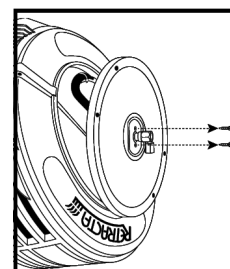
2) Remove screws



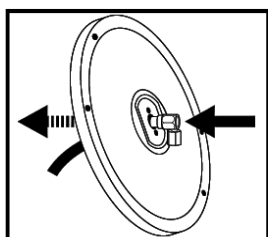
3) Remove sideplate



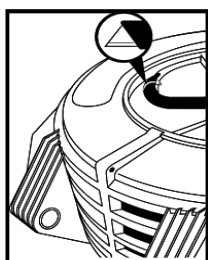
4) Remove screws



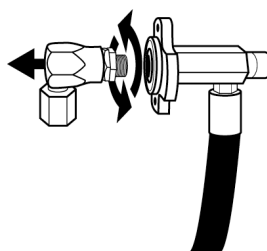
5) Remove swivel



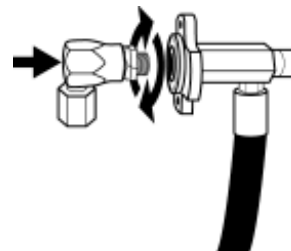
6) Remove cable tie



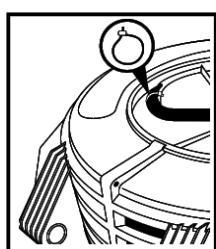
7) Remove SB6 swivel



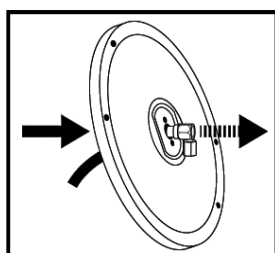
8) Fit new SB6 swivel



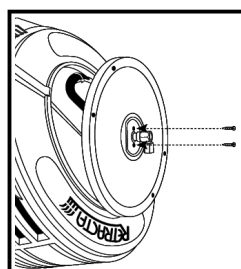
9) Fit cable tie



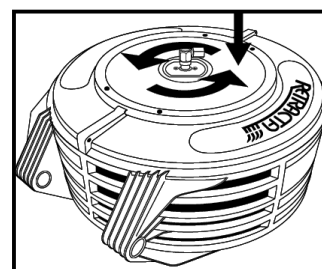
10) Fit swivel through side plate



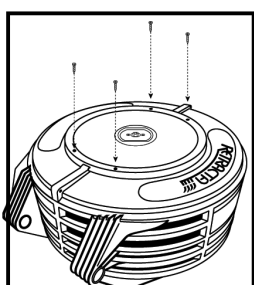
13) Fit screws.



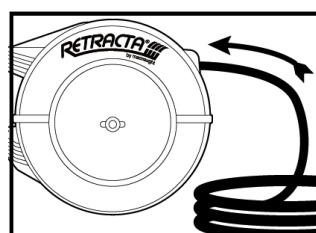
14) Fit side plate



15) Fit screws.

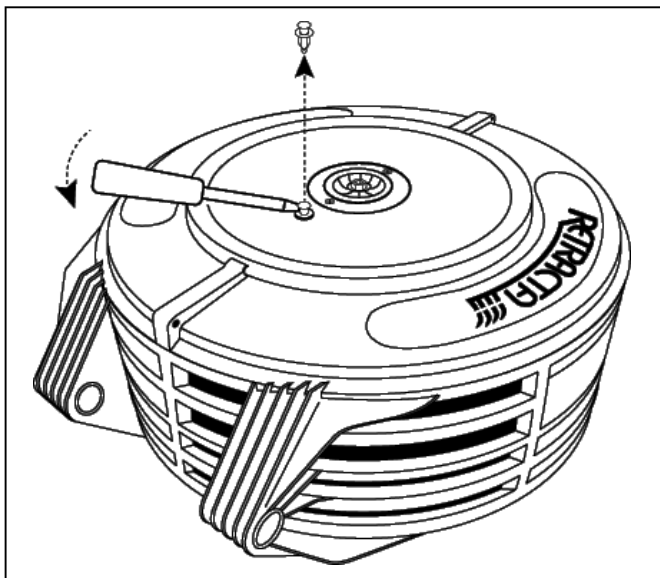
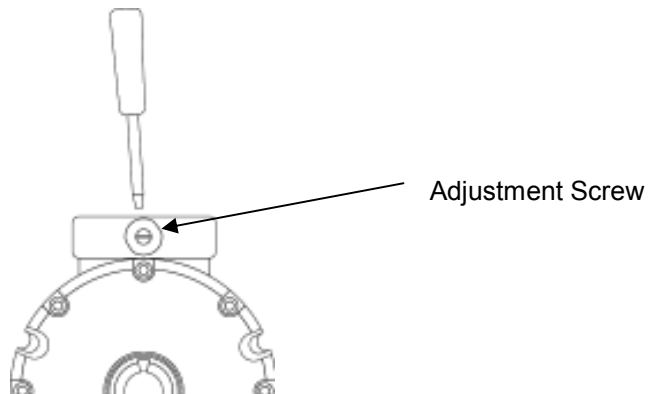


16) Recoil hose evenly into reel

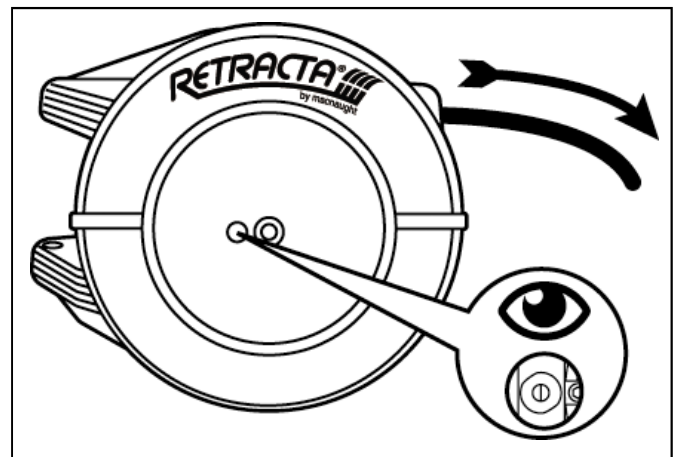


RACR ADJUSTMENT CONTROL INSTRUCTIONS

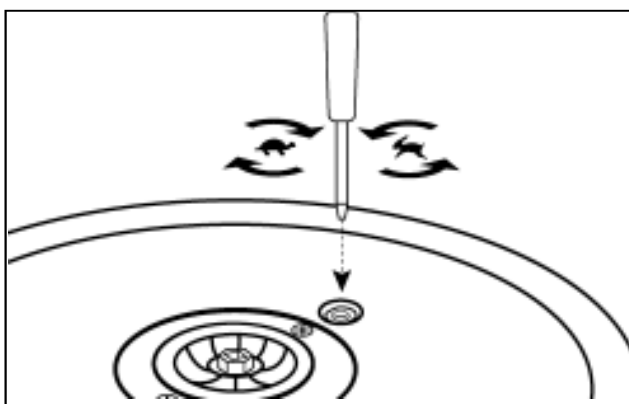
(FOR MODELS FITTED WITH RACR)



1. Lift centre button to unlock then lift out plug



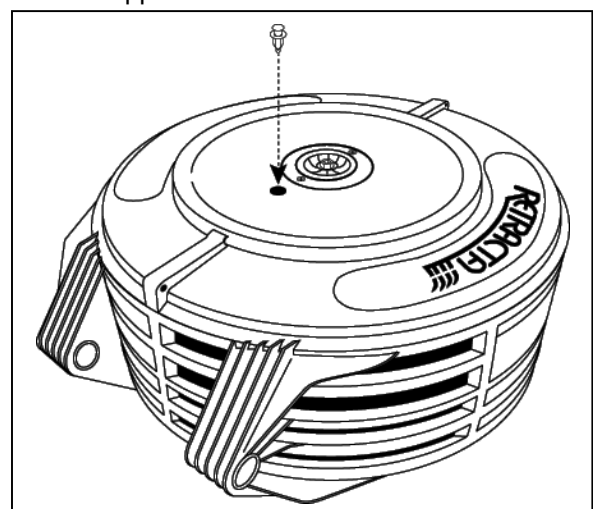
2. Pull hose out and latch when adjustment screw appears



3. Adjust speed as desired

(Clockwise for slower return)

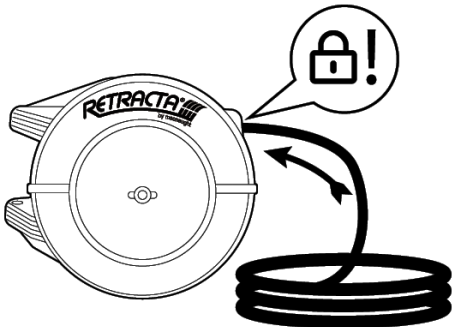
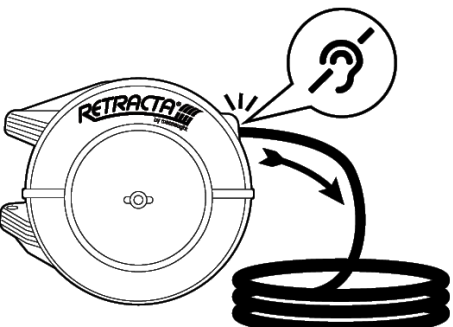
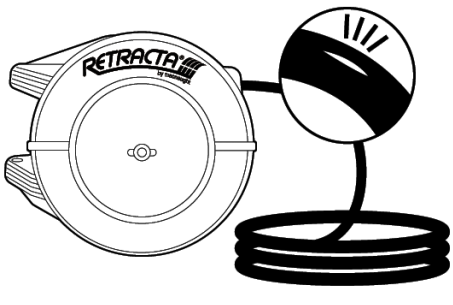
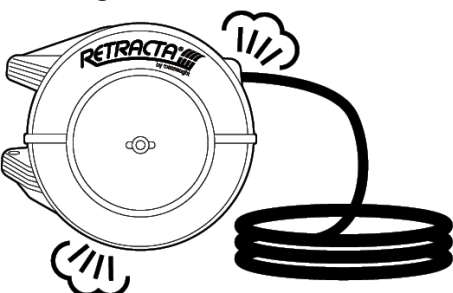
(Counter clockwise for faster return)



4. Replace plug then press centre button to lock

TROUBLESHOOTING GUIDE

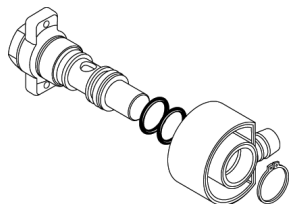


<p>Hose does not retract correctly</p> 	<p>A) Outlet nozzle, gun or tool is too heavy</p> <p>B) Spring is fatigued and lost tension</p>	<p>Refer to INCREASE SPRING TENSION on page 3</p>
<p>Reel does not latch</p> 	<p>A) Incorrect operation</p> <p>B) Latch assembly is broken</p>	<p>Refer to REMOVE/ REPLACE TENSION SIDE PLATE on page 4</p>
<p>Leaking from hose</p> 	<p>Split in hose</p>	<p>Refer to HOSE REPLACEMENT on pages 5,6</p>
<p>Leaking from swivel</p> 	<p>Swivel or swivel seals are worn</p>	<p>Refer to SWIVEL OR SWIVEL SEAL REPLACEMENT on pages 7,8,9</p>

SWIVEL ASSEMBLY PART NUMBERS



Air / Air-Water



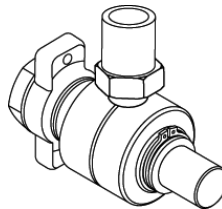
O'Ring seal kit
BS115Vs

Swivel Assembly kit

1/2"(12.5mm) - BSP - RS115As / NPT- RS129A

3/8"(10mm) - BSP - RS116As / NPT - RS130A

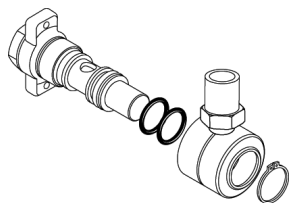
High Pressure Hot Water



Swivel Assembly kit

RS85s

Oil / Coolant

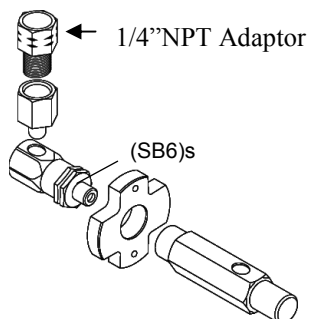


O'Ring seal kit
BS115Vs

Swivel Assembly kit

1/2"(12.5mm) - BSP - RS117As / NPT- RS131A

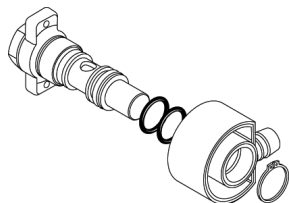
Grease



Swivel Assembly kit

RS124As

Cold Water

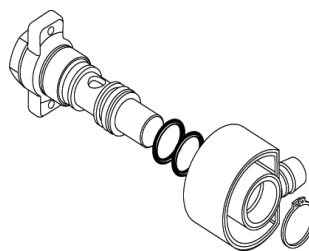


O'Ring seal kit
BS115-1K

Swivel Assembly kit

RS118As

Weed Pesticide

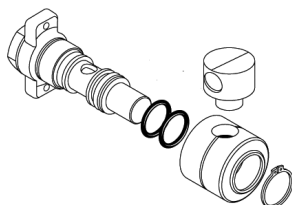


O'Ring seal kit
BS115Vs

Swivel Assembly kit

RS67s

Hot Water

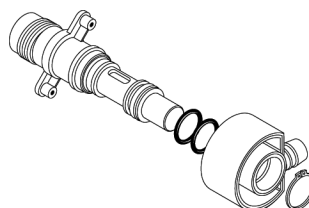


O'Ring seal kit
BS115ES

Swivel Assembly kit

RS119As

Horticultural

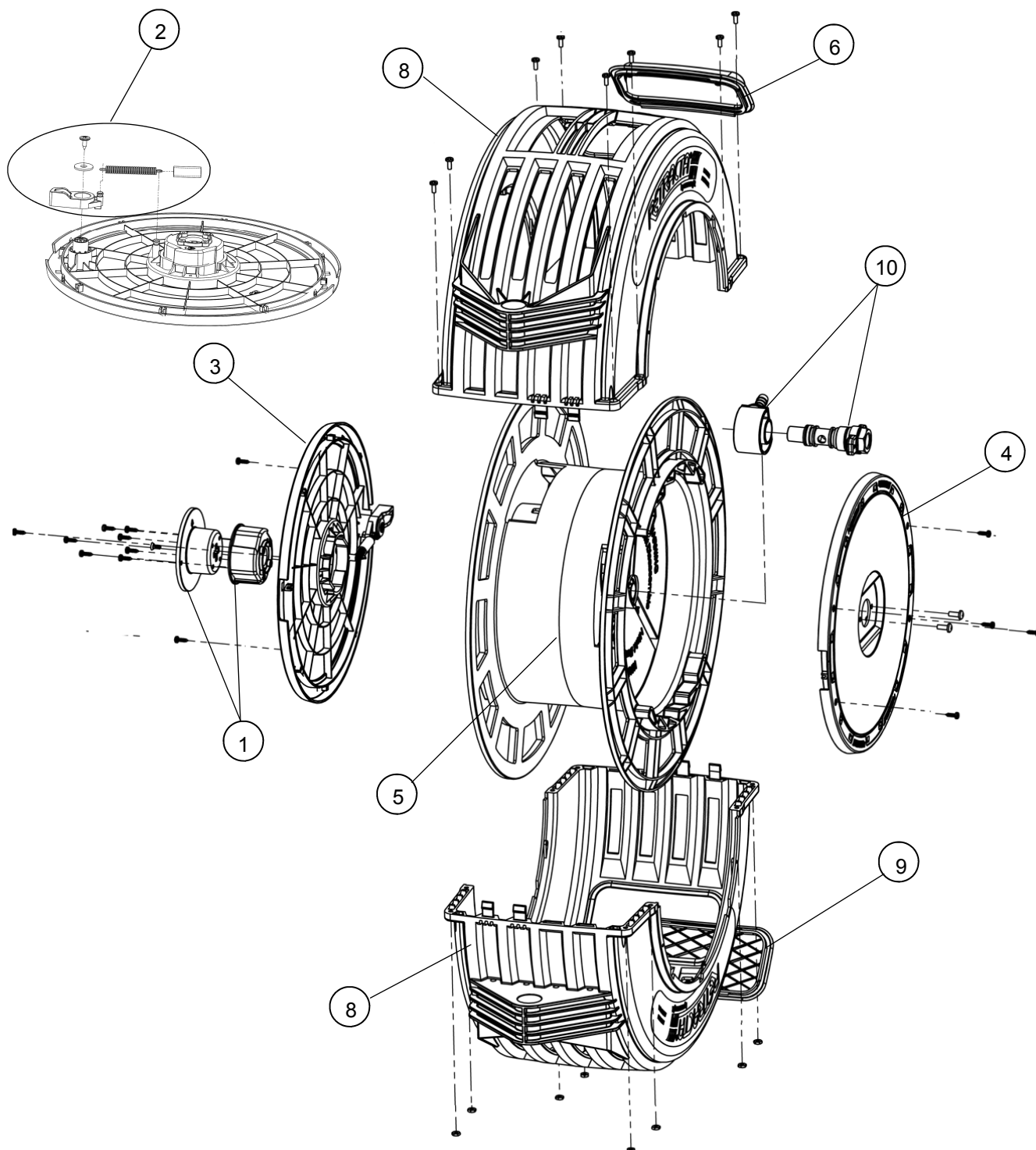


O'Ring seal kit
BS115-1K

Swivel Assembly kit

RS1s

EXPLODED DIAGRAM



Note:

1. Outer casing is supplied as a single half only
2. Standard bracket not shown

SPARE PARTS LIST



Generic Parts

Item no	Description	Spare part no
1	Tension hub set	R3THs
2	Latch set	R3Ls
3	Latching side plate	R3LPs
4	Inlet side plate	R3IPs
5	Drum assembly	R3DAs
6	Mouth set	R3Ms
7	Standard Bracket (incl locking plate)	R3SBs
8	Outer Casing - single (nom color)	R3OCS-color
9	Lower insert (nom colour)	R3LIS-color

Swivel Assy

Item no	Description	Swivel kit (BSP)	Swivel Kit (NPT)	Swivel seal Kits
10	1/2"Air/Water	RS115As	RS129As	BS115Vs
10	3/8"Air/Water	RS116As	RS130As	BS115Vs
10	Coolant - Oil	RS117s	RS131As	BS115Vs
10	Cold water	RS118s		BS115-1K
10	Hot Water	RS119As	RS133As	BS115ES
10	Horticultural	RS1s		BS115-1K
10	Weed Pesticide	RS67s		BS115Vs
10	Grease (complete assembly)	RS124As		N/A
10	Grease (refer to grease swivel assy drawing)	SB6s		N/A
10	High Pressure Hot Water	RS85s		N/A

Hose Assembly (BSP)

Hose type	Description	Part no
Air	3/8"x 20m	RH35s
Air	1/2"x 15m	RH22s
Air	1/2"x 20m	RH150s
Air/Water	3/8"x 15m	RH151s
Air/Water	3/8"x 20m	RH152s
Air/Water	1/2"x 15m	RH153s
Grease	1/4"x 10m	RH45s
Grease	1/4"x 15m	RH156s
Oil	3/8"x 10m	RH84s
Oil	1/2"x 15m	RH161s
Cold Water	1/2"x 20m	RH155s
Hot Water	1/2"x 15m	RH41s
Hot Water	1/2"x 20m	RH160s
High Pressure Hot Water	3/8"x 20m	RH159s
Weed Pesticide	3/8"x 16m	RH50s
Horticultural	1/2"x 18m	RH3s

Hose Assembly (NPT)

Hose type	Description	Part no
Air (Orange)	1/2"x 65ft	RH183s
Air (Yellow)	3/8"x 65ft	RH169s
Air (Orange)	3/8"x 65ft	RH179s
Oil	1/2"x 50ft	RH193s
Hot Water	1/2"x 65ft	RH196s
Grease	1/4"x 50ft	RH197s

Hose Stoppers

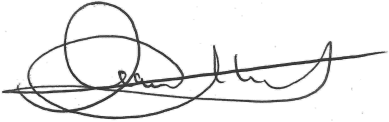
Description	Spare part no
3/8" Air/Water-Weed Pesticide	RP156-1s
1/2" Air-Hot-ColdWater-Horticultural	RP156-2s
Oil	RP156-3s
Grease/High Pressure Hot Water	RP156-5s

Accessories


Description	Spare part no
Std wall bracket	BU200
bench mount bracket	BB200
Cold wash nozzle set	RH51s
Horticultural reel nozzle	RH10-1s


DECLARATION OF CONFORMITY



EN (English)		Declaration of Conformity	
We:	Macnaught Pty Ltd	Of:	41-49 Henderson Street, Turrella NSW 2205, Australia
Declare that:	Retracta Hose Reel models prefixed AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD & WDC		
in accordance with:	2006/42/EC 2009/127/EC	(The Machinery Directive) (amending Directive - WD, DR & DRC models only)	
has been designed and manufactured to the following specifications:			
EN ISO 12100: 2010		(Safety of Machinery)	
I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The product complies with all essential requirements of the Directives.			
Signed By:			
	Marco Uccellani, Engineering Manager, Macnaught Pty Ltd.		
Done at:	Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australia.		
Date:	21/12/2018		

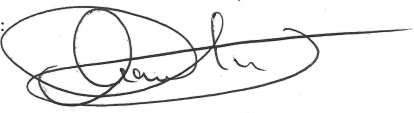


FR (French)		Déclaration de conformité	
Nous,	Macnaught Pty Ltd,	41-49 Henderson Street, Turrella NSW 2205, Australie	
Déclarons que	Les modèles d'enrouleurs de tuyaux Retracta aux préfixes AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD et WDC		
en vertu de :	2006/42/CE 2009/127/CE	(directive Machines) (directive modificative - modèles WD, DR et DRC uniquement)	
sont conçus et fabriqués selon la spécification suivante :			
EN ISO12100: 2010		(sécurité Machines)	
Je déclare par la présente que les équipements mentionnés ci-dessus sont conformes aux sections appropriées de la spécification susmentionnée. Le produit est conforme à toutes les exigences principales des directives.			
Signé par :			
	Marco Uccellani, responsable de l'ingénierie, Macnaught Pty Ltd.		
Fait à :	Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australie		
Date :	21/12/2018		

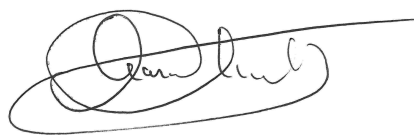


DECLARATION OF CONFORMITY



DE (German)		Konformitätserklärungen	
Wir,	Macnaught Pty Ltd	mit Sitz in:	41-49 Henderson Street, Turrella NSW 2205, Australien
erklären, dass	die Retracta Schlauchtrommelmodelle mit den Präfixen AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD und WDC		
in Übereinstimmung mit den Verordnungen:	2006/42/EG 2009/127/EG	(Maschinenrichtlinie) (Änderungsrichtlinie, nur Modelle WD, DR und DRC)	
gemäß folgenden Spezifikationen konzipiert und hergestellt worden sind:			
		EN ISO12100: 2010	(Maschinensicherheit)
Ich erkläre hiermit, dass die oben genannten Geräte so konzipiert wurden, dass sie mit den einschlägigen Abschnitten der oben genannten Spezifikation übereinstimmen. Das Produkt erfüllt alle grundlegenden Anforderungen der Richtlinien.			
Unterzeichnet von:	 Marco Uccellani, Manager Ingenieurwesen, Macnaught Pty Ltd.		
Unternehmen, Ort:	Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australien.		
Datum:	21/12/2018		





ES (Spanish)		Declaraciones de	
Nosotros:	Macnaught Pty Ltd	De	41-49 Henderson Street, Turrella NSW 2205, Australia
Declaramos:	Modelos Retracta Hose Reel con prefijo AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD & WDC		
en conformidad con:	2006/42/EC 2009/127/EC	(La Directiva sobre maquinaria) (Directiva modificativa: solo los modelos WD, DR y DRC)	
ha sido diseñada y fabricada de acuerdo con las siguientes especificaciones:			
		EN ISO 12100: 2010	(Seguridad de la maquinaria)
Por la presente declaro que el equipo mencionado anteriormente ha sido diseñado para cumplir con las secciones pertinentes de las especificaciones mencionadas con anterioridad. El producto cumple con todos los requisitos esenciales de las Directivas.			
Firmado por:	 Marco Uccellani, Responsable de ingeniería, Macnaught Pty Ltd.		
Redactado en:	Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australia.		
Fecha:	21/12/2018		



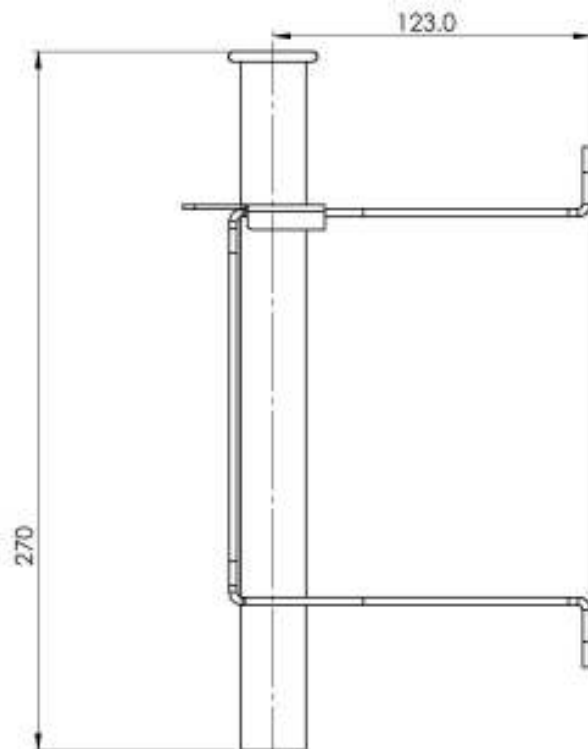
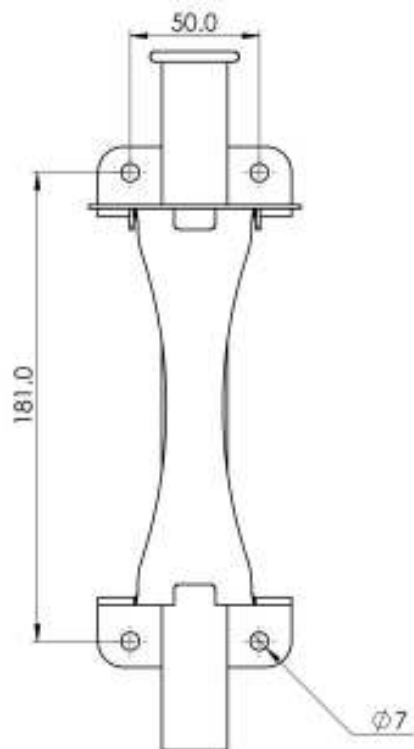
DECLARATION OF CONFORMITY



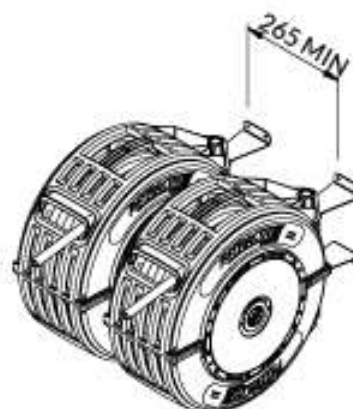
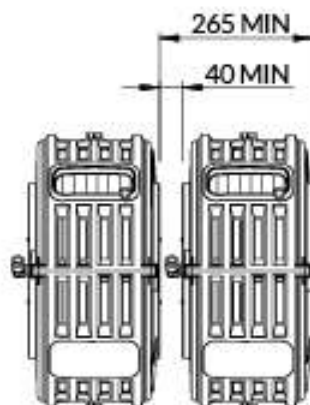
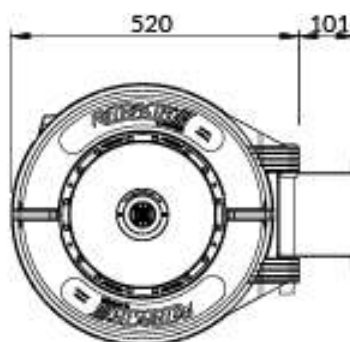
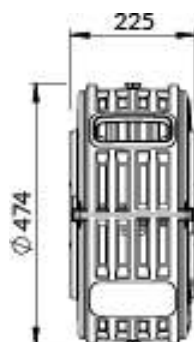
JA (Japanese)		適合宣言書	
当社	Macnaught Pty Ltd	所在地: 41-49 Henderson Street, Turrella NSW 2205, Australia	
は、次の製品が以下の指令及び仕様に準拠して設計、製造されていることを宣言します。			
製品:	AR、ARC、AW、CL、CLC、CW、CWC、DR、DRC、GR、GRC、HP、HPC、HW、HWC、OA、OAC、OG、OGC、OMP、OMPC、WD、WDC の各種Retractaホースリールモデル		
指令:	2006/42/EC (機械指令) 2009/127/EC (指令の修正 - WD、DR、DRC モデルのみ)		
仕様:	EN ISO12100: 2010 (機械の安全性)		
私は、上記の製品が上記仕様の関連セクションに適合するように設計されていることをここに宣言します。この製品は、本指令のすべての必須要求事項に準拠しています。			
署名:			
	Marco Uccellani、技術管理者、Macnaught Pty Ltd		
住所:	Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australia.		
日付:	2018年12月21日		
			

MOUNTING DETAILS

BU200 WALL MOUNT BRACKET



DIMENSIONS



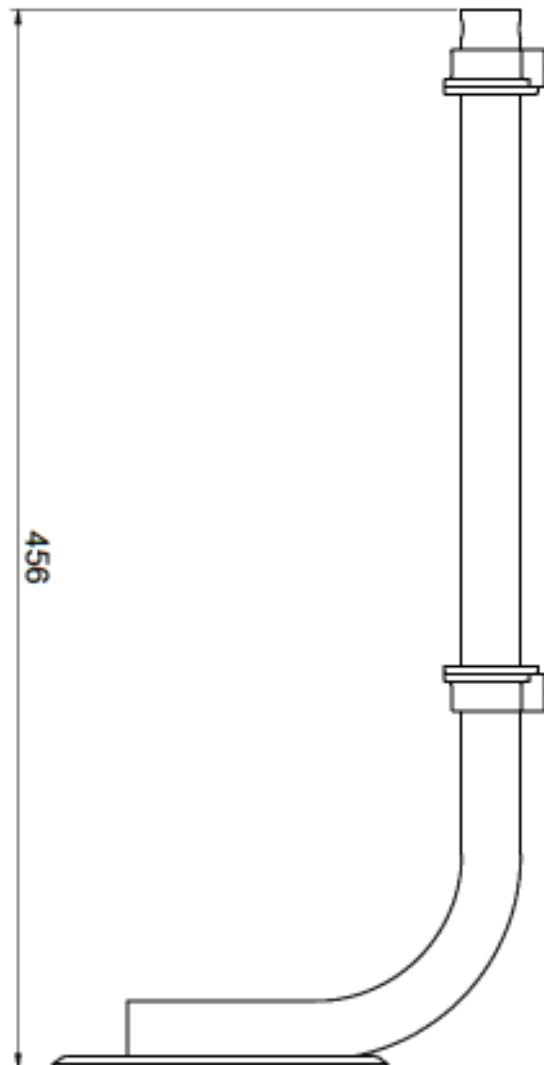
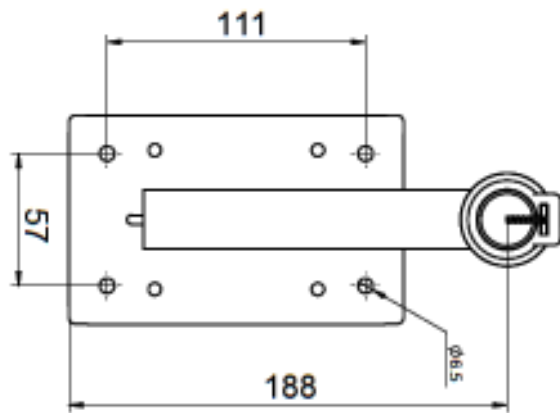
WEIGHT: 11kg (24lb) - 15kg (33lb) MODEL DEPENDENT

NOTE: Not to scale

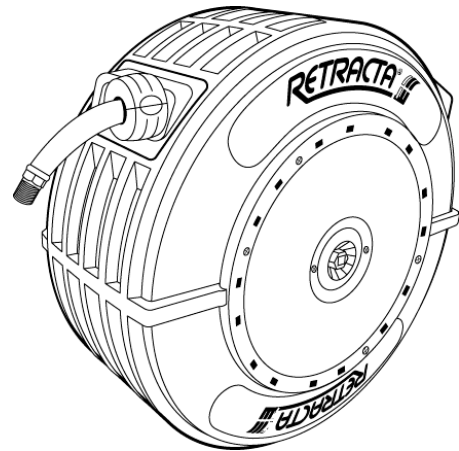
MOUNTING DETAILS



BB200 BENCH MOUNT BRACKET



NOTE: Not to scale



Macnaught Pty Limited
ABN 66 000 075 785

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Sydney, Australia.

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F. +61 2 9597 7773
W. www.macnaught.com.au

Note:

This product should be disposed of according to all applicable local and national government environment regulations and guidelines.



For Warranty Terms and Conditions see macnaught.com.au / macnaughtusa.com
For a list of Australian Service Centres see macnaught.com.au