Mastiff 200 SAFETY & OPERATORS MANUAL

& PARTS LISTING

CAUTION: Read the instruction manual before using the appliance.



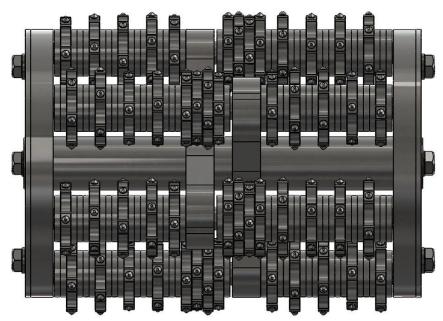
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Specifications

	Mastiff 200
Weight	138kg
Dimensions	1000 x 617 x 1037 (Length X Width x Height)
Rated Voltage	9Hp Petrol / 230 Vac / 415 Vac
Rated Watts	NA / 2.2kW / 4kw / 5.5kw
Preparation Path	200mm

Drum Setups



	Typical Drui	n Setups
Setup	Cutters	Spacers
General Purpose	78 Cutters	171
Fine	96	142

Safety instructions

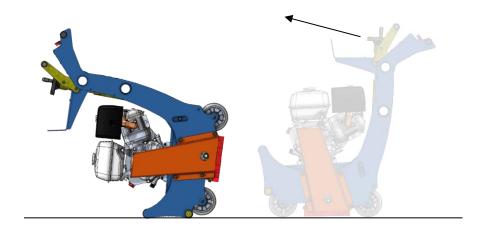
- 1. Read and understand the instructions on the machine and in this manual and engine manual (if applicable). Different models may have different parts and controls.
- 2. Equipment should only be operated by trained personnel, in good physical condition and mental health (not fatigued). The operator and maintenance personnel must physically be able to handle the bulk weight and power of this machine.
- 3. This is a one person machine. Maintain a safe operating distance to other personnel. Remember 'one machine, one operator'.
- 4. This equipment is intended for commercial use.
- 5. For the operators' safety and the safety of others, always keep all guards and shrouds in place.
- 6. Never start or run machine when unattended.
- 7. This machine is intended for use on floor surfaces only.
- 8. Never start or run machine with handle folded or when disk(s) are not in contact with the surface.
- 9. Do not lend or rent machine without the operating instructions for the machine (and the engine, if applicable).
- 10. Wear clothing suitable for the job and for the work place including, safety shoes, hard hat, hearing protection, non-fogging vented safety goggles, and dust mask suitable for dust.
- 11. Keep body parts or any loose clothing away from moving parts. Failure to comply could result in bodily injury.

Safety instructions

- 12. Do not modify machine in any way. Only use genuine MASTIFF 200 parts and accessories.
- 13. Repairs should be performed by qualified persons only.
- 14. Ensure parts have stopped moving and disconnect power or spark plug when servicing or changing blades or accessories.
- 15. Never operate machine in rain or if heavy moisture is present. (other than under the shroud)
- 16. Do not operate MASTIFF 200 with any guards, shrouds, covers or doors removed or open.
- 17. The MASTIFF 200 can produce sound pressure levels greater than 85db. The operator must wear approved safety ear protection.
- 18. Do not allow the supply cord to come in contact with the cutting blade/head or other moving parts of this machine.
- 19. Petrol is extremely flammable and poisonous. Petrol should only be dispensed in well ventilated areas, and only when engine is cool.
- 20. WARNING! POISONOUS EXHAUST GASES. Do not operate petrol powered equipment without adequate ventilation. Carbon monoxide is and invisible odorless gas that can harm or can kill you.
- 21. WARNING! Breathable silica may be generated by use and maintenance of this machine. Silica can cause severe and permanent lung damage, cancer, and or other serious diseases. Do not breathe the dust. Do not rely on your sight or smell to determine if dust is in the air. Silica may be in the air without a visible dust cloud. If air monitoring for silica is not provided by your employer at your work site, you must wear appropriate respiratory protection when operating or maintaining this equipment. Consult your employer for proper respiratory protection.

Operating instructions

- 1. Wear clothes suitable for the job and for the work place including, safety shoes, hard hat, hearing protection, non-fogging vented safety goggles, and dust respirator suitable for dust.
- 2. WARNING! POISONOUS EXHAUST GASES. Do not operate petrol powered equipment without adequate ventilation. Carbon monoxide is an invisible odorless gas that can harm or can kill you.
- 3. Be sure all equipment is tested and tagged prior to use on any job.
- 4. Inspect entire area to be ground before grinding and remove any bolts or concrete nails (etc.) that could damage diamond tooling or machine which could cause a hazardous situation.
- 5. Ensure there are no obstacles or existing structures that could present a hazard to the operator. If so, take necessary action to eliminate the hazard.
- 6. Install appropriate tooling into the machine. Only use genuine MASTIFF 200 tooling. Failure to comply could result in bodily injury.
- 7. Stand in front of the machine, put one foot on the front nudge bar and use the lift hook to tilt the machine over onto its front.



8.

9. Inspect and install appropriate tooling and tighten using the left hand nuts. One at a time.

Operating instructions

- 10. Tilt machine back onto its wheel in the opposite manner to above.
- 11. Wind the height adjustment knob fully clockwise and pull the fast raise lower lever towards you.
- 12. Connect machine to suitable power outlet. Only use heavy duty power lead suitable for high current use (minimum 2.5 mm² cable), no longer than 20 meters. (For petrol powered equipment, refer to engine manual for startup procedure).
- 13. If no power is available within the specified distance, have a qualified person install a suitable power outlet closer to your work. Alternatively use 4mm² cable for up to 50 meters.
- 14. Connect a suitable dust extractor to the machine via a 50mm flexible hose. The machine is designed to take the standard FLOOREX 50mm hose ends to make connection of dust extractors easy and hassle free. Alternatively, water spray using the supplied water connection point can be used to suppress dust.
- 15. Keep machine clear of drainage pits and grates or any such hazard. Failure to comply could result in bodily injury and or could damage the machine or property.
- 16. Switch on the dust extractor or water spray.
- 17. Hold the handles firmly and switch the machine on by pushing the green button. Or start the petrol engine.
- 18. If the over-current device trips it indicates a problem. (Undersize power lead or poor power to GPO outlet). Refer above for recommendations on power leads. Rectify problem or decrease load on grinder by using tooling with more surface area. Continuing to use the MASTIFF 200 when constant tripping occurs, VOIDS THE WARRANTY!

Operating instructions

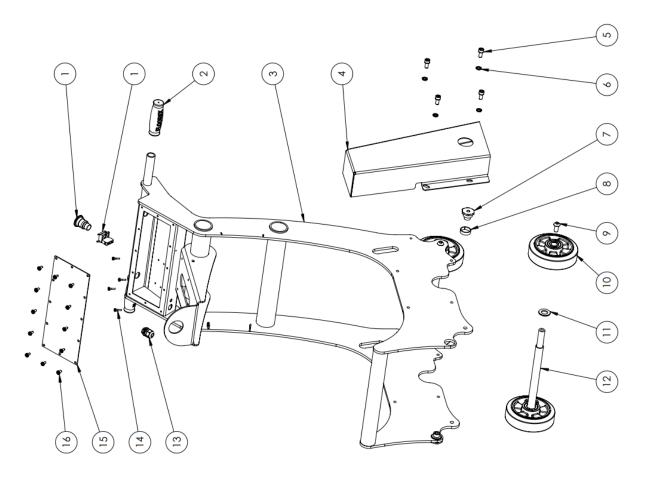
- 19. This machine is designed to operate with the wheels in contact with the floor at all times. Do not operate with wheels off the floor.
- 20. Push the fast raise lower lever forward then wind the depth control anti clockwise to lower to tools onto the floor.
- 21. Once the tools start touching the floor you can rotate the hand wheel a total of 4 more turns for maximum cut depth.
- 22. This equates to a maximum cutting depth of around 3-4mm. Lowering the machine father will risk damaging the drum and fails and shafts.

Electrical safety

- 1. All electrical maintenance and repairs to be carried out by qualified persons only.
- 2. CAUTION Line terminals may be alive when main switch is in the off position. Disconnect all power at source before performing any maintenance or repairs.
- 3. WARNING DO NOT operate the machine with any electrical panels open.
- 4. WARNING The MASTIFF 200 has an overload switch and will trip when under excessive load and will not allow the machine to be switched on if it is overloaded. (Overload will need to be reset when safe to do so). Continuing to use the MASTIFF 200 when constant tripping occurs, VOIDS THE WARRANTY!
- 5. Never operate machine in the rain or if heavy moisture is present.
- 6. The overcurrent device is there to protect you and the machine from harm. DO NOT alter or adjust the over load in any way. If it is faulty, only replace with original part that is identical to the faulty one.
- 7. Never bypass over-current devices in this machine.
- 8. Never connect or disconnect power cables with voltage present or while under load.
- 9. Disconnect all power connections and observe lock out / tag out procedures before attempting to carry out any maintenance or repair on any equipment.
- 10. Avoid any contact with any rotating parts or driven parts.
- 11. Never use equipment that has not been tested and tagged (including cords).
- 12. Do not operate MASTIFF 200 with any covers or doors removed or open.
- 13. Before connecting the machine to power, check the condition of all power leads and cables on, or used in conjunction with the machine. DO NOT USE it if any fault(s) cuts; wear marks, Bare wires out of plugs or sockets, etc. Get qualified persons to repair and re-tag it as required by regulations in your country.

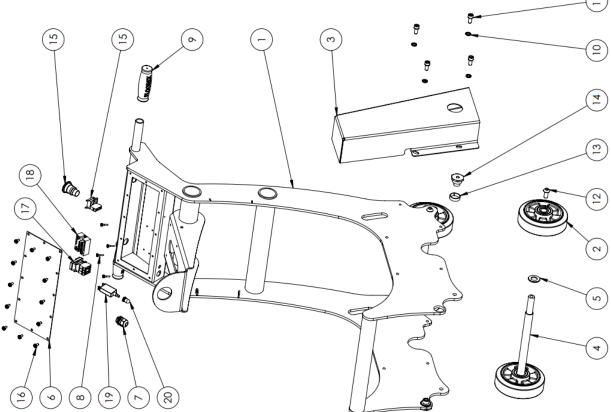
Parts Listing – Main Chassis - Petrol

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DESCRIPTION	Emergency Stop Switch Complete	Floorex Hand Grip	Mastiff 200 Main Outer Chassis	Mastiff 200 Main Belt Guard	M10 X 20 Socket Head Cap Screw	M10 Spring Washer	Meteor Chassis Pivot Nut	Meteor 250 Generation3 Pivot Bush	12 X 25 Button Head	Wheel 160mm Grey Rubber 20mm ID	M20 Standard Washer	Mastiff Front and Rear Axle	Cable Gland M20	Rubber Bumper Stop	Mastiff 200 Control Box Lid	Screw Pan Head M6 X 12 Phillips
PartNo	G3-031	G3-350	MAF-010	MAF-015	FS-245	FS-317	MET-342	MET-341	FS-222	MET-016	FS-335	MAF-050	G3-036	MAF-120	MAF-020	FS-565
NO.	-	2	က	4	5	9	7	8	6	10	1	12	13	14	15	16



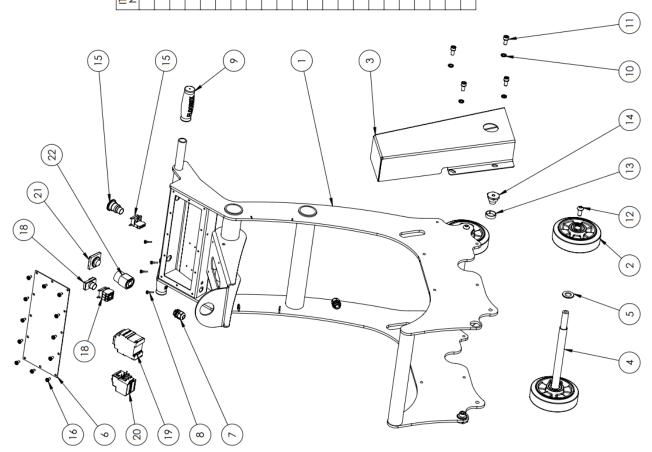
Parts Listing – Main Chassis - 1 Phase

	4	PartNo MAE-010	DESCRIPTION Mactiff 200 Main Outer Chassis	QTY.
Mastiff 200 Main Belt Guard Mastiff Front and Rear Axle M20 Standard Washer Mastiff 200 Control Box Lid Cable Gland M20 Rubber Bumper Stop Floorex Hand Grip M10 Spring Washer M10 X 20 Socket Head Cap Screw 12 X 25 Button Head Meteor 250 Generation3 Pivot Bush Meteor Chassis Pivot Nut Emergency Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips	Ş) ~	Wheel 160mm Grey Rubber 20mm ID	. 4
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M20 Standard Washer Mastiff 200 Control Box Lid Cable Gland M20 Rubber Bumper Stop Floorex Hand Grip M10 Spring Washer M10 X 20 Socket Head Cap Screw 12 X 25 Button Head M10 X 20 Generation3 Pivot Bush Meteor 250 Generation3 Pivot Bush Meteor Chassis Pivot Nut Emergency Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete Screw Pan Head M6 X 12 Phillips Start Stop Switch Complete	낊	920	Mastiff Front and Rear Axle	2
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	\cup	30	Start Stop Switch Complete	1
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	0	149	Overload Boot	1



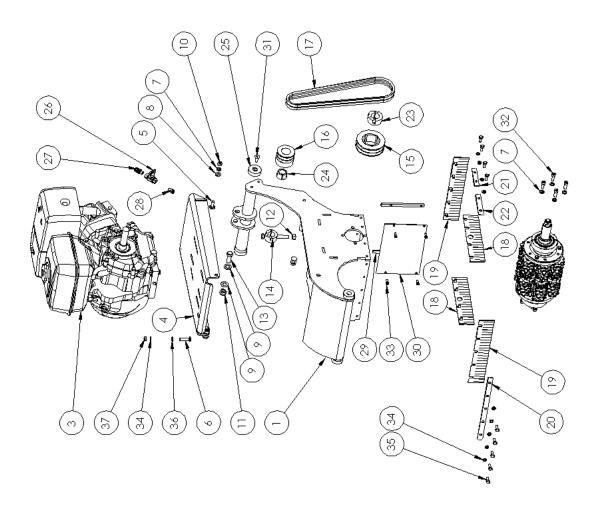
Parts Listing – Main Chassis - 3 Phase

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QTY.	_	4	-	2	4	_	2	4	2	4	4	4	2	2	_	12	2	_	_	_	-	1	
DESCRIPTION	Mastiff 200 Main Outer Chassis	Wheel 160mm Grey Rubber 20mm ID	Mastiff 200 Main Belt Guard	Mastiff Front and Rear Axle	M20 Standard Washer	Mastiff 200 Control Box Lid	Cable Gland M20	Rubber Bumper Stop	Floorex Hand Grip	M10 Spring Washer	M10 X 20 Socket Head Cap Screw	12 X 25 Button Head	Meteor 250 Generation3 Pivot Bush	Meteor Chassis Pivot Nut	Emergency Stop Switch Complete	Screw Pan Head M6 X 12 Phillips	M4 X 12 Screw Pan Head Phillips	Start Stop Switch Complete	Contactor 12A 415 VAC	Overload	Reversing Switch Actuator	Reversing Switch Mechanism only	
PartNo	MAF-010	MET-016	MAF-015	MAF-050	FS-335	MAF-020	G3-036	MAF-120	G3-350	FS-317	FS-245	FS-222	MET-341	MET-342	G3-031	FS-565	FS-553	G3-030	G3-386	G3-	G3-428	G3-427	
ITEM NO.	_	2	3	4	5	9	7	80	6	10	=	12	13	14	15	16	17	18	19	20	21	22	



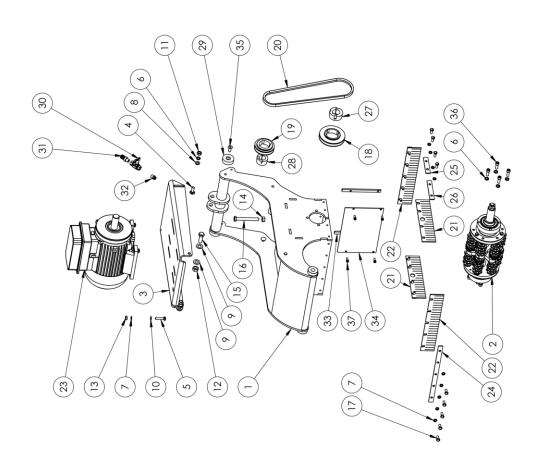
Parts Listing – Inner Chassis – Petrol

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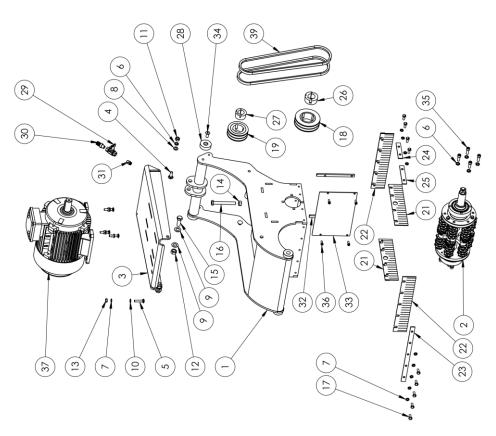
Parts Listing – Inner Chassis – 1 Phase

1 MAF-035 Massiff 200 Inner Chassis 1 2 See Parts Lsting 1 3 MAF-025 Massiff 200 Motor Mount 1 4 FA-55 Cup Head Bolt MI OX 30 2 5 F5-317 MI OX Spring Washer 10 7 F5-316 MB Spring Washer 2 8 F5-337 MI OX Spring Washer 2 8 F5-334 MI OX Spring Washer 4 10 F5-334 MI OX Spring Washer 2 11 F5-343 MI OX Spring Washer 2 11 F5-334 MI OX Standard Washer 4 11 F5-345 MI OX Standard Washer 2 11 F5-346 MI OX Standard Washer 2 12 F5-347 MI AX Standard Washer 2 13 F5-346 MI AX Standard Washer 2 14 F5-36 MI AX Standard Washer 1 15 F5-379 MB X Standard Washer 1 16	N C	PartNo	DESCRIPTION	QTY.
MAF-025 Mastiff 200 Motor Mount F5-455 Cup Head Bolt MID X 30 F8-453 Cup Head Bolt M8 X 40 F5-317 MIO Spring Washer F5-317 MIO Spring Washer F5-332 MIO Spring Washer F5-334 MI Standard Washer F5-334 MI Standard Washer F5-345 MIO Standard Washer F5-346 MI Standard Nut F5-347 MI A Standard Nut F5-348 MI A Standard Nut F5-349 MI A Standard Nut F5-340 MI A Standard Nut F5-341 MI A Standard Nut F5-342 MI A Standard Nut F5-343 MI A Standard Nut F5-344 MB Standard Nut F5-345 MI A Standard Nut F5-346 MI A Standard Nut F5-347 MI A Standard Nut F5-308 MI A S 40 Hex Head Set Screw MAF-117 Pulley 1210 80mm x 1A MAF-118 Pulley 1210 80mm x 1A MAF-030 Masstiff 200 Skirt Side Retainer Bonn Long MAF-035 <td>-</td> <td>MAF-005</td> <td>Mastiff 200 Inner Chassis</td> <td>-</td>	-	MAF-005	Mastiff 200 Inner Chassis	-
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F5-453 Cup Head Bolt M8 X 40 F5-317 M10 Spring Washer F5-316 M8 Spring Washer F5-32 M10 Standard Washer F5-334 M10 Standard Washer F5-334 M10 Standard Nut F5-345 M10 Standard Nut F5-346 M12 Standard Nut F5-346 M12 Standard Nut F5-346 M12 Standard Nut F5-347 M8 Standard Nut F5-348 M10 Standard Nut F5-301 M10 X 100 Hex Head Set Screw F5-301 M10 X 100 Hex Head Set Screw F5-301 M10 X 100 Hex Head Set Screw MAF-113 Pulley 1610 106mm x 1A MAF-113 Pulley 1610 106mm x 1A MAF-130 Mastiff 200 Skirt Side MAF-032 Mastiff 200 Skirt Side MAF-032 Mastiff 200 Skirt Side Retainer 80mm Long MAF-032 Mastiff 200 Skirt Side Retainer 100mm Long MAF-032 Mastiff 200 Skirt Side Retainer 100mm Long MAF-034 Mastiff 200 Skirt Side Retainer 80mm Long MAF-035 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 - Chassis Guide Spacer G3-154 114" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cop Screw	4	FS-455	Cup Head Bolt M10 X 30	2
F5-317 M10 Spring Washer F5-316 M8 Spring Washer F5-322 M10 Standard Washer F5-334 M14 Standard Washer F5-334 M14 Standard Washer F5-345 M10 Standard Nut F5-346 M12 Standard Nut F5-346 M12 Standard Nut F5-348 M12 Standard Nut F5-308 M14 X 40 Hex Head Set Screw F5-301 M10 X 100 Hex Head Set Screw F5-301 M10 X 100 Hex Head Set Screw MAF-113 Pulley 1610 106mm x 1A MAF-117 Pulley 120 86irt Front And Back MAF-032 Mastiff 200 Skirt Side MAF-032 Mastiff 200 Skirt Side MAF-032 Mastiff 200 Skirt Side Retainer 80mm Long MAF-032 Mastiff 200 Skirt Side Retainer 100mm Long MAF-032 Mastiff 200 Skirt Side Retainer 80mm Long MAF-033 Mastiff 200 Skirt Side Retainer 100mm Long MAF-034 Mastiff 200 Chassis Guide Spacer G3-507 A 29 Belt MAF-035 Mastiff 200 Skirt Side Retainer 80mm Long MAF-036 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-039 Mastiff 200 Chassis Guide Spacer G3-154 114" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-286 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cop Screw	2	FS-453	\times	4
FS-316 M8 Spring Washer FS-332 M10 Standard Washer FS-334 M14 Standard Washer FS-331 M8 Standard Washer FS-345 M10 Standard Nut FS-347 M14 Standard Nut FS-348 M12 Standard Nut FS-349 M8 Standard Nut FS-340 M12 Standard Nut FS-340 M12 Standard Nut FS-340 M14 X 40 Hex Head Set Screw MAF-113 Pulley 1210 80mm x 1A MAF-113 Pulley 1210 80mm x 1A MAF-117 Pulley 1210 80mm x 1A MAF-118 Pulley 1210 80mm x 1A MAF-032 Mastiff 200 Skirt Front And Back Retainer MAF-034 Mastiff 200 Skirt Front And Back Retainer MAF-035 Mastiff 200 Skirt Front And Back Retainer MAF-036 Mastiff 200 Skirt Front And Back Retainer MAF-037 Mastiff 200 Skirt Side Retainer 80mm Long MAF-038 Mastiff 200 Skirt Side Retainer 100mm Long MAF-039 Mastiff 200 Vaccuum Pickup Panel Set (3 Parts) MAF-030 Mastiff 200 Vaccuum Pickup Panel Set (3 Parts)	9	FS-317	M10 Spring Washer	10
F5-332 M10 Standard Washer F5-334 M14 Standard Washer F5-331 M8 Standard Washer F5-345 M10 Standard Nut F5-347 M14 Standard Nut F5-348 M14 Standard Nut F5-349 M8 Standard Nut F5-340 M12 Standard Nut F5-346 M12 Standard Nut F5-347 M8 Standard Nut F5-348 M12 X OHex Head Set Screw MAF-1130 M10 N 100 Hex Head Set Screw F5-301 M10 X 100 Hex Head Set Screw MAF-113 Pulley 1610 106mm x 1A MAF-113 Pulley 1210 80mm x 1A MAF-030 Mastiff 200 Skirt Front And Back MAF-031 Mastiff 200 Skirt Front And Back MAF-032 Mastiff 200 Skirt Side Retainer 80mm Long MAF-033 Mastiff 200 Skirt Side Retainer 100mm Long MAF-034 Mastiff 200 Skirt Side Retainer 100mm Long MAF-035 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-043 Mastiff	7	FS-316	M8 Spring Washer	22
FS-334 M14 Standard Washer FS-331 M8 Standard Washer FS-345 M10 Standard Nut FS-347 M14 Standard Nut FS-348 M12 Standard Nut FS-349 M8 Standard Nut FS-346 M12 Standard Nut FS-346 M12 Standard Nut FS-346 M12 Standard Nut FS-346 M12 Standard Nut FS-301 M14 X 40 Hex Head Set Screw FS-301 M10 X 100 Hex Head Set Screw FS-301 M14 X 40 Hex Head Set Screw FS-279 M8 X 20 Hex Head Set Screw MAF-113 Pulley 1210 80mm x 1A MAF-113 Pulley 1210 80mm x 1A MAF-113 Mastiff 200 Skirt Front And Back MAF-032 Mastiff 200 Skirt Front And Back MAF-033 Mastiff 200 Skirt Side Retainer 100mm Long MAF-034 Mastiff 200 Skirt Side Retainer 100mm Long MAF-035 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-038 Mastiff 200 Chassis Guide Spacer G3-153 Ball Valv	8	FS-332	M10 Standard Washer	2
F5-331 M8 Standard Washer F5-345 M10 Standard Nut F5-347 M14 Standard Nut F5-344 M8 Standard Nut F5-346 M12 Standard Nut F5-346 M12 Standard Nut F5-368 M14 X 40 Hex Head Set Screw F5-301 M10 X 100 Hex Head Set Screw MAF-113 Pulley 1210 80mm x 1A MAF-113 Pulley 1210 80mm x 1A MAF-117 Pulley 1210 80mm x 1A MAF-030 Mastiff 200 Skirt Front And Back MAF-032 Mastiff 200 Skirt Front And Back MAF-032 Mastiff 200 Skirt Side Retainer 100mm Long MAF-034 Mastiff 200 Skirt Side Retainer 100mm Long MAF-035 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-039 Mastiff 200 Skirt Side Retainer 100mm Long MAF-031 Mastiff 200 Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-447 Screw Socket 3/8" NF x 1" Zinc	6	FS-334	M14 Standard Washer	4
FS-345 M10 Standard Nut FS-347 M14 Standard Nut FS-344 M8 Standard Nut FS-346 M12 Standard Nut FS-346 M12 Standard Nut FS-308 M14 X 40 Hex Head Set Screw FS-301 M10 X 100 Hex Head Set Screw MAF-113 Pulley 1610 106mm x 1A MAF-113 Pulley 1210 80mm x 1A MAF-030 Mastiff 200 Skirt Side MAF-031 Mastiff 200 Skirt Side MAF-032 Mastiff 200 Skirt Side Retainer 80mm Long MAF-034 Mastiff 200 Skirt Side Retainer 100mm Long MAF-035 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 80mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-038 Mastiff 200 Skirt Side Retainer 80mm Long MAF-039 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 80mm Long MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-043 Mastiff 200 Vaccuum Pickup Panel Set (3 Parts) MAF-053 Mastiff 200 Vaccuum Pickup Panel Set (3 Parts)	10	FS-331	M8 Standard Washer	4
FS-347M14 Standard NutFS-346M8 Standard NutFS-346M12 Standard NutFS-308M14 X 40 Hex Head Set ScrewFS-301M10 X 100 Hex Head Set ScrewFS-279M8 X 20 Hex Head Set ScrewMAF-113Pulley 1610 106mm x 1AMAF-130Pulley 1210 80mm x 1AMAF-030Mastiff 200 Skirt SideMAF-032Mastiff 200 Skirt Side Retainer Bomm LongMAF-033Mastiff 200 Skirt Side Retainer 100mm LongMAF-034Mastiff 200 Skirt Side Retainer 100mm LongMAF-035Mastiff 200 Skirt Side Retainer 80mm LongMAF-037Mastiff 200 Skirt Side Retainer 100mm LongMAF-110Taper Lock Bush 1610 x 1-1/4" BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-043Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMAF-042Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-053Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-447Screw Socket Head Cap ScrewF5-231M6 X 16 Socket Head Cap Screw		FS-345	M10 Standard Nut	2
FS-344 M8 Standard Nut FS-346 M12 Standard Nut FS-308 M14 X 40 Hex Head Set Screw FS-301 M10 X 100 Hex Head Set Screw FS-279 M8 X 20 Hex Head Set Screw MAF-113 Pulley 161 0 lofmm x 1A MAF-117 Pulley 1210 80mm x 1A G3-507 AX 29 Belt MAF-030 Mastiff 200 Skirt Side MAF-031 Mastiff 200 Skirt Front And Back MAF-032 Mastiff 200 Skirt Side Retainer Bomm Long MAF-033 Mastiff 200 Skirt Side Retainer 100mm Long MAF-034 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-039 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-110 Taper Lock Bush 1210 x 28mm Bore MAF-043 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-043 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) K5-248 M10 X 25 Socket Head Countersunk Screw		FS-347	M14 Standard Nut	2
FS-346 M12 Standard Nut FS-308 M14 X 40 Hex Head Set Screw FS-301 M10 X 100 Hex Head Set Screw FS-279 M8 X 20 Hex Head Set Screw MAF-113 Pulley 1610 106mm x 1A MAF-117 Pulley 1210 80mm x 1A MAF-130 Mastiff 200 Skirt Side MAF-030 Mastiff 200 Skirt Front And Back MAF-032 Mastiff 200 Skirt Front And Back Retainer MAF-033 Mastiff 200 Skirt Side Retainer 80mm Long MAF-034 Mastiff 200 Skirt Side Retainer 100mm Long MAF-035 Mastiff 200 Skirt Side Retainer 100mm Long MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-110 Taper Lock Bush 1210 x 28mm Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-037 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-043 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) K5-268 M10 X 25 Socket Head Countersunk Screw F5-247 Screw Socket Head Countersunk Screw F5-231 M6 X 16 Socket He		FS-344	M8 Standard Nut	4
FS-308M14 X 40 Hex Head Set ScrewFS-301M10 X 100 Hex Head Set ScrewFS-279M8 X 20 Hex Head Set ScrewMAF-113Pulley 1610 106mm x 1AMAF-117Pulley 1210 80mm x 1AG3-507AX 29 BeltMAF-030Mastiff 200 Skirt SideMAF-031Mastiff 200 Skirt Front And BackMAF-032Mastiff 200 Skirt Front And Back RetainerMAF-033Mastiff 200 Skirt Side Retainer 80mm LongMAF-034Mastiff 200 Skirt Side Retainer 100mm LongMAF-037Mastiff 200 Skirt Side Retainer 100mm LongMAF-110Taper Lock Bush 1510 x 28mm BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-118Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMAF-047Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-231M6 X 16 Socket Head Cap Screw	14	FS-346	M12 Standard Nut	1
FS-301M10 X 100 Hex Head Set ScrewFS-279M8 X 20 Hex Head Set ScrewMAF-113Pulley 1610 106mm x 1AMAF-117Pulley 1210 80mm x 1AG3-507AX 29 BeltMAF-030Mastiff 200 Skirt SideMAF-032Mastiff 200 Skirt Front And BackMAF-033Mastiff 200 Skirt Front And Back RetainerMAF-034Mastiff 200 Skirt Side Retainer 80mm LongMAF-035Mastiff 200 Skirt Side Retainer 100mm LongMAF-037Mastiff 200 Skirt Side Retainer 100mm LongMAF-110Taper Lock Bush 1510 x 28mm BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-0437Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-231M6 X 16 Socket Head Cap Screw		FS-308	M14 X 40 Hex Head Set Screw	2
FS-279M8 X 20 Hex Head Set ScrewMAF-113Pulley 1610 106mm x 1AMAF-117Pulley 1210 80mm x 1AG3-507AX 29 BeltMAF-032Mastiff 200 Skirt Front And BackMAF-032Mastiff 200 Skirt Front And BackMAF-033Mastiff 200 Skirt Front And Back RetainerMAF-034Mastiff 200 Skirt Side Retainer 80mm LongMAF-035Mastiff 200 Skirt Side Retainer 100mm LongMAF-037Mastiff 200 Skirt Side Retainer 100mm LongMAF-110Taper Lock Bush 1510 x 1-1/4" BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-043Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMAF-047Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-231M6 X 16 Socket Head Cap Screw	16	FS-301	M10 X 100 Hex Head Set Screw	1
MAF-113 Pulley 1610 106mm x 1A MAF-117 Pulley 1210 80mm x 1A G3-507 AX 29 Belt MAF-032 Mastiff 200 Skirf Side MAF-032 Mastiff 200 Skirf Front And Back MAF-032 Mastiff 200 Skirf Front And Back MAF-035 Mastiff 200 Skirf Side Retainer Bomm Long MAF-037 Mastiff 200 Skirf Side Retainer Bomm Long MAF-110 Taper Lock Bush 1510 x 1-1/4" Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-043 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-063 Mastiff 200 vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cap Screw	17	FS-279	M8 X 20 Hex Head Set Screw	18
MAF-117Pulley 1210 80mm x 1AG3-507AX 29 BeltMAF-030Mastiff 200 Skirf SideMAF-032Mastiff 200 Skirf Front And BackMAF-032Mastiff 200 Skirf Front And Back RetainerMAF-035Mastiff 200 Skirf Front And Back RetainerMAF-037Mastiff 200 Skirf Side Retainer 80mm LongMAF-037Mastiff 200 Skirf Side Retainer 100mm LongMAF-110Taper Lock Bush 1510 x 1-1/4" BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-13Ball Valve 1/4 ButterflyMET-063Brass Tap adapterG3-153Ball Valve 1/4 ButterflyMAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-231M6 X 16 Socket Head Cap Screw		MAF-113	Pulley 1610 106mm x 1A	1
G3-507AX 29 BeltMAF-030Mastiff 200 Skirt SideMAF-032Mastiff 200 Skirt Front And BackMET-032Motor Ravel 4 Pole 2.2 KwMAF-035Mastiff 200 Skirt Front And Back RetainerMAF-037Mastiff 200 Skirt Side Retainer 80mm LongMAF-110Taper Lock Bush 1610 x 1-1/4" BoreMAF-111Taper Lock Bush 1210 x 28mm BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-118Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMET-063Brass Tap adapterG3-1541/4" male X 6mm Push in Fitting for Nylon TubeMAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-231M6 X 16 Socket Head Cap Screw		MAF-117	_	ı
MAF-030 Mastiff 200 Skirt Side MAF-032 Mastiff 200 Skirt Front And Back MET-032 Motor Ravel 4 Pole 2.2 Kw MAF-035 Mastiff 200 Skirt Front And Back Retainer MAF-039 Mastiff 200 Skirt Side Retainer 80mm Long MAF-110 Taper Lock Bush 1610 x 1-1/4" Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-043 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-043 Mastiff 200 - Chassis Guide Spacer G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) K5-268 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cap Screw	20	G3-507	AX 29 Belt	1
MAF-032 Mastiff 200 Skirt Front And Back MET-032 Motor Ravel 4 Pole 2.2 Kw MAF-035 Mastiff 200 Skirt Front And Back Retainer MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-110 Taper Lock Bush 1510 x 28mm Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-103 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) K5-268 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cap Screw	21	MAF-030	Mastiff 200 Skirt Side	2
MET-032 Motor Ravel 4 Pole 2.2 Kw MAF-035 Mastiff 200 Skirt Front And Back Retainer MAF-039 Mastiff 200 Skirt Side Retainer 80mm Long MAF-110 Taper Lock Bush 1610 x 1-1/4" Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-103 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MAF-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cap Screw	22	MAF-032	Mastiff 200 Skirt Front And Back	2
MAF-035Mastiff 200 Skirt Front And Back RetainerMAF-039Mastiff 200 Skirt Side Retainer 80mm LongMAF-037Mastiff 200 Skirt Side Retainer 100mm LongMAF-110Taper Lock Bush 1610 x 1-1/4" BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-043Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMET-063Brass Tap adapterG3-1541/4" male X 6mm Push in Fitting for Nylon TubeMAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-447Screw Socket 3/8" NF x 1" ZincF5-231M6 X 16 Socket Head Cap Screw	23	MET-032	Motor Ravel 4 Pole 2.2 Kw	1
MAF-039Mastiff 200 Skirt Side Retainer 80mm LongMAF-037Mastiff 200 Skirt Side Retainer 100mm LongMAF-110Taper Lock Bush 1610 x 1-1/4" BoreMAF-118Taper Lock Bush 1210 x 28mm BoreMAF-043Mastiff 200 - Chassis Guide SpacerG3-153Ball Valve 1/4 ButterflyMET-063Brass Tap adapterG3-1541/4" male X 6mm Push in Fitting for Nylon TubeMAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)F5-268M10 X 25 Socket Head Countersunk ScrewF5-477Screw Socket 3/8" NF x 1" ZincF5-231M6 X 16 Socket Head Cap Screw	24	MAF-035	Mastiff 200 Skirt Front And Back Retainer	2
MAF-037 Mastiff 200 Skirt Side Retainer 100mm Long MAF-110 Taper Lock Bush 1610 x 1-1/4" Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-063 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MET-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-231 M6 X 16 Socket Head Cap Screw	25	MAF-039	Mastiff 200 Skirt Side Retainer 80mm Long	2
MAF-110 Taper Lock Bush 1610 x 1-1/4" Bore MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-063 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MET-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-247 Screw Socket 3/8" NF x 1" Zinc F5-231 M6 X 16 Socket Head Cap Screw	26	MAF-037	Mastiff 200 Skirt Side Retainer 100mm Long	2
MAF-118 Taper Lock Bush 1210 x 28mm Bore MAF-063 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MET-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-47 Screw Socket 3/8" NF x 1" Zinc F5-231 M6 X 16 Socket Head Cap Screw	27	MAF-110	Taper Lock Bush 1610 x 1-1/4" Bore	1
MAF-063 Mastiff 200 - Chassis Guide Spacer G3-153 Ball Valve 1/4 Butterfly MET-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-47 Screw Socket 3/8" NF x 1" Zinc F5-231 M6 X 16 Socket Head Cap Screw	28	MAF-118	Taper Lock Bush 1210 x 28mm Bore	_
G3-153 Ball Valve 1/4 Butterfly MET-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F3-47 Screw Socket 3/8" NF x 1" Zinc F5-231 M6 X 16 Socket Head Cap Screw	29	MAF-063	Mastiff 200 - Chassis Guide Spacer	2
MET-063 Brass Tap adapter G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-47 Screw Socket 3/8" NF x 1" Zinc F5-231 M6 X 16 Socket Head Cap Screw	30	G3-153	Ball Valve 1/4 Butterfly	1
G3-154 1/4" male X 6mm Push in Fitting for Nylon Tube MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) F5-268 M10 X 25 Socket Head Countersunk Screw F5-47 Screw Socket 3/8" NF x 1" Zinc F5-231 M6 X 16 Socket Head Cap Screw	31	MET-063	Brass Tap adapter	_
MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) MAF-027 Mastiff 200 Vacuum Pickup Panel Set (3 Parts) FS-268 M10 X 25 Socket Head Countersunk Screw FS-447 Screw Socket 3/8" NF x 1" Zinc FS-231 M6 X 16 Socket Head Cap Screw	32	G3-154	1/4" male X 6mm Push in Fitting for Nylon Tube	_
MAF-027Mastiff 200 Vacuum Pickup Panel Set (3 Parts)FS-268M10 X 25 Socket Head Countersunk ScrewFS-447Screw Socket 3/8" NF x 1" ZincFS-231M6 X 16 Socket Head Cap Screw	33	MAF-027	Mastiff 200 Vacuum Pickup Panel Set (3 Parts)	2
FS-268M10 X 25 Socket Head Countersunk ScrewFS-447Screw Socket 3/8" NF x 1" ZincFS-231M6 X 16 Socket Head Cap Screw	34	MAF-027	Mastiff 200 Vacuum Pickup Panel Set (3 Parts)	1
FS-447 Screw Socket 3/8" NF x 1" Zinc FS-231 M6 X 16 Socket Head Cap Screw	35	FS-268	M10 X 25 Socket Head Countersunk Screw	2
FS-231 M6 X 16 Socket Head Cap Screw	36	FS-447	Screw Socket 3/8" NF x 1" Zinc	80
	37	FS-231	M6 X 16 Socket Head Cap Screw	4



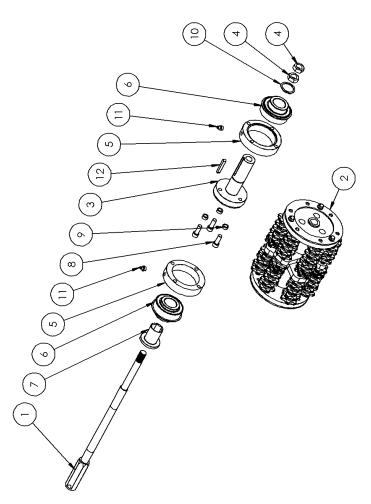
Parts Listing – Inner Chassis – 3 Phase

ÃÖ.	PartNo	DESCRIPTION	QTY.
_	MAF-005	Mastiff 200 Inner Chassis	-
2		See Parts Lsting	-
က	MAF-025	Mastiff 200 Motor Mount	-
4	FS-455	Cup Head Bolt M10 X 30	2
2	FS-453	Cup Head Bolt M8 X 40	4
9	FS-317	M10 Spring Washer	10
7	FS-316	M8 Spring Washer	22
ω	FS-332	M10 Standard Washer	2
6	FS-334	M14 Standard Washer	4
10	FS-331	M8 Standard Washer	4
1	FS-345	M10 Standard Nut	2
12	FS-347	M14 Standard Nut	2
13	FS-344	M8 Standard Nut	4
14	FS-346	M12 Standard Nut	-
15	FS-308	M14 X 40 Hex Head Set Screw	2
16	FS-301	M10 X 100 Hex Head Set Screw	-
17	FS-279	M8 X 20 Hex Head Set Screw	18
18	MAF-111	Pulley 1610 106mm x 2A	-
19	MAF-119	Pulley 1210 85mm x 2A (For HD model)	-
20	MAF-116	Pulley 1210 80mm x 2A (for Standard Model)	-
21	MAF-030	Mastiff 200 Skirt Side	2
22	MAF-032	Mastiff 200 Skirt Front And Back	2
23	MAF-035	Mastiff 200 Skirt Front And Back Retainer	2
24	MAF-039	Mastiff 200 Skirt Side Retainer 80mm Long	2
25	MAF-037	Mastiff 200 Skirt Side Retainer 100mm Long	2
26	MAF-110	Taper Lock Bush 1610 x 1-1/4" Bore	-
27	MAF-118	Taper Lock Bush 1210 x 28mm Bore	-
28	MAF-063	Mastiff 200 - Chassis Guide Spacer	2
29	G3-153	Ball Valve 1/4 Butterfly	l
30	MET-063	Brass Tap adapter	_
31	G3-154	1/4" male X 6mm Push in Fitting for Nylon Tube	٦
32	MAF-027	Mastiff 200 Vacuum Pickup Panel Set (3 Parts)	2
33	MAF-027	Mastiff 200 Vacuum Pickup Panel Set (3 Parts)	-
34	FS-268	M10 X 25 Socket Head Countersunk Screw	2
35	FS-447	Screw Socket 3/8" NF x 1" Zinc	8
36	FS-231	M6 X 16 Socket Head Cap Screw	4
37	G3-479	Motor 5.5 KW 2 Pole Foot Only 3 phase Aluminum (HD)	-
38	G3-082	Motor 4.0 KW 2 Pole Foot Only 3 phase Aluminum (STD)	٦
39	G3-506	AX37 (For HD Model)	2
40	G3-504	AX36 (For Standard model)	2



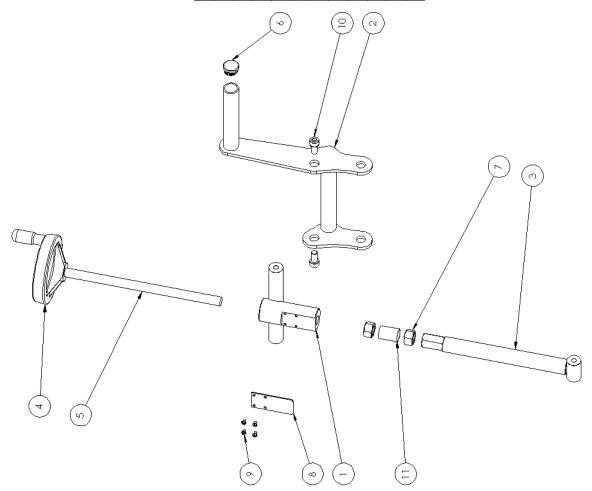
Parts Listing – Bearings & Shaft

¥Ö.	PartNo	DESCRIPTION	QTY.
-	MAF-108	Mastiff 200 Drum Shaft	-
2		See Parts Listing	1
က	MAF-106	Mastiff 200 Drum Driver	1
4	MAF-109	Meastiff Left Hand Nut	2
5	MAF-104	Mastiff 200 Bearing Housing	2
9	MAF-112	Mastiff Bearing 1-1/4 Bore	2
7	MAF-103	Bearing Hex Centre	-
∞	FS-447	Screw Socket 3/8" NF x 1" Zinc	က
6	FS-448	NUT 3/8" NF Zinc (Remove Hex)	3
10	G3-826	Circlip External 1-1/4	-
11	G3-551	Grease Nipple 1/8 NPS	2
12	12 MAF-121	1/4 x 1 3/4 Key	_

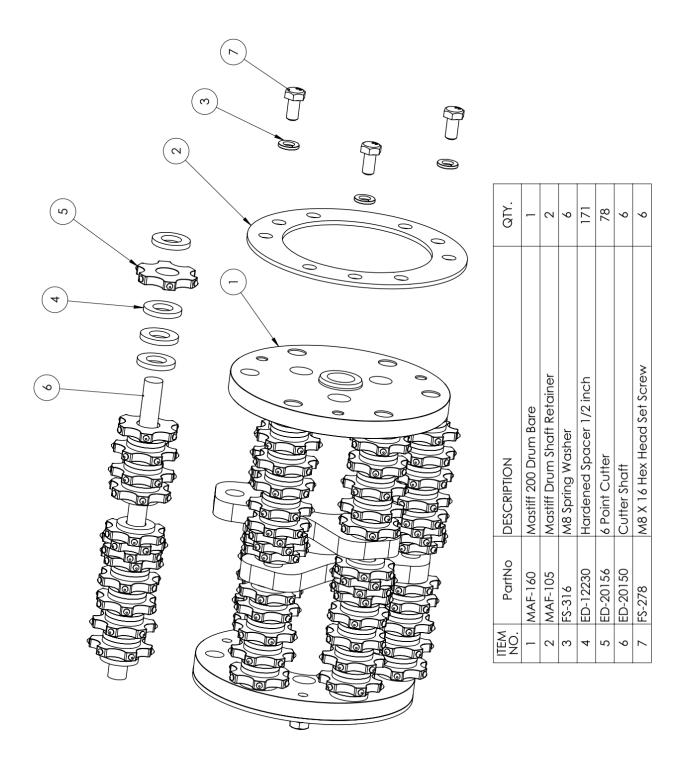


Parts Listing – Lifting Mechanism

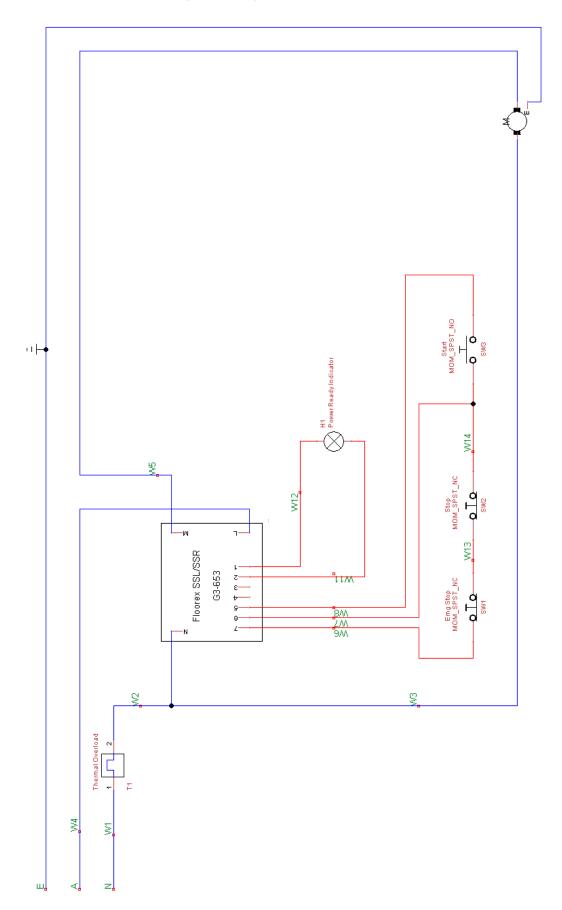
ITEM NO.	PartNo	Description	QTY.
_	MAF-049	Mastiff 200 - Depth Control Upper Section	_
2	MAF-060	Mastiff 200 - Depth Control Lever	_
е	MAF-055	Mastiff 200 - Depth Control Lower Section	_
4	MAF-048	Mastiff 200 - Depth Control Two Spoke Hand Wheel	-
5	N/A	Lift Lever Thread (included with above)	_
9	RP-076	Tube Cap 270D	_
7	FS-368	M16 Standard Nut	2
8	MAF-124	MAF-124 Mastif 200 - Lift Lever Spring Steel Flap	l
6	FS-549	M4 X 6 Screw Pan Head Phillips	4
10	FS-245	M10 X 20 Socket Head Cap Screw	2
11	MAF-045	Spacer Tube 20 x 30mm	_



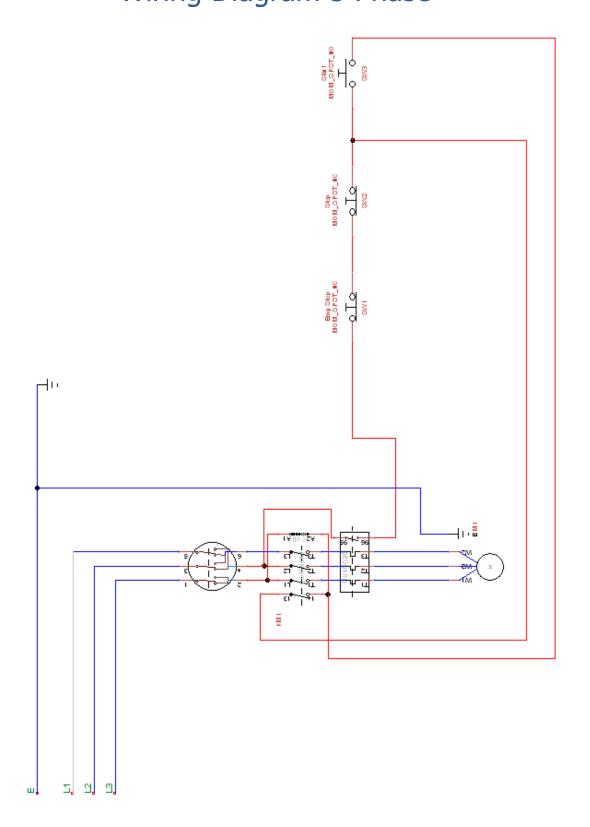
Parts Listing – Drum and Cutters



Mastiff 200 Wiring Diagram 1 Phase



Mastiff 200 Wiring Diagram 3 Phase



Maintenance Schedule

All Maintenance to be performed by qualified personnel.	Before Operation	Every 4 hours	Every 8 Hours	Daily or before Every Hire	Every 40-50 Hours of operation
Belt Tension					Х
Check Engine Oil level	Х				
Air Filter Element				X	
Change Engine Oil (Refer to Engine Manual)					Х
Check main bearing units for play					Х
Grease Bearings 2 Pumps		X			
Check Tooling condition		X			
Check Bearings			X		
Check Hex, Main shaft & Drive for wear					Х



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