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SMT MACHINE SPARES

Yamaha SMT Machine Spares

YV180XG-Sapphire-XII

Part numbers and descriptions

Working with our partners worldwide we have access to a large inventory of original machine spares for both current and older machines. In many cases we have stock of obsolete parts for machines no longer supported by the manufacturer. For your convenience we have listed, in an easy to read format, the spares offered by the manufacturers. We also repair and exchange many spares parts.

If you cannot locate what you need from your main dealer or you are interested in making some savings then please feel free to contact us for a quote and availability.

YOUR PERFECT SMT PARTNER

Yamaha SMT Machine Spares - YV180XG Sapphire XII

15inch LCD screen
9498 396 00707

ADJUST JIG 1
9965 000 10361
For Adjusting Head Down Safety
Sensors

ADJUST JIG 2
9965 000 10362
For Adjusting Head Down Safety
Sensors

ADJUST JIG 3
9965 000 10363
For Adjusting Head Down Sensors

ADJUSTING TOOL 1 PC
5322 395 90599

AIR FILTER SAPPHIRE
9965 000 07928
Element for main Mist Filter assembly
F600 5322 480 20139

BALL SCREW F-CONV.
9965 000 10510

BALL SCREW M-CONV.
9965 000 10516

BEARING
9965 000 06021

BEARING
9965 000 06027

BEARING
5322 520 10696

BEARING ASSY
5322 520 40305
Common on X and Y ball screws

BEARING COMET/ORION ZMOT
5322 520 30554

BEARING MF128ZZS NSK
5322 520 10804

BEARING NSK 6200ZZ
5322 520 40308

BEARING NTN
5322 520 10802
This bearing is positioned on the top
of the spline shaft between the return
spring and the c clip

BEARING, BSR 15 30 SL
5322 520 40286
Edge Clamp PCB Clamp bearing

BELT
9965 000 10479

BELT
9965 000 06007

BELT 1,PULLEY
9965 000 10531

BELT 2
9965 000 10517

BELT 2 PULLEY (L)
9965 000 10513

BELT 2 PULLEY (M)
9965 000 10514

BELT R MOTOR
9965 000 09044

BELT SHAFT
9965 000 10477

BELT, X/T AXIS
5322 358 10137

BELT, X/T AXIS MOTOR
5322 358 10136

BEVEL GEAR 2
5322 522 10781

BLOCK and SHAFT ASSY
9965 000 11068

BOARD, CIRCUIT
5322 214 91385

BOARD, GLASS PCB (TOOL)
5322 395 10814

Replacement PCB for Calibration
Plate PA 1912-00

BOLT
5322 500 10549

BRG.
9965 000 10469

C.CABLE ASSY
9965 000 09060

Cable, Smema 3.5m
9469 390 02790
EWW-SMEMA-3.5

CABLE,DUCT
9965 000 10464

CAM
9965 000 09050

CAMERA CABLE L=1.7M
9965 000 10354

CAMERA CABLE L=6M
9965 000 10353

CAP1
9965 000 10492

CE: SENSOR, 1-1 NOZZLE
5322 130 10061

CE: SENSOR, 1-2 Y-AXIS
5322 130 10088

CIRCLIP (1 PC)
5322 530 70526

CIRCLIP 0.8MM
9965 000 09048

CLIP, TOOL
2622 150 22106
For Circlip located at the top of the
Spline Assembly

COAXIAL LIGHT ASSY
9965 000 09497

Yamaha SMT Machine Spares - YV180XG Sapphire XII

COLLAR
9965 000 06023

CONNECTION BOARD ASSY
9965 000 10945

CONTACTOR 1 (KM 10)
5322 280 10392
Safety Relay for Servo Power

CONTACTOR 2
9965 000 09032

COOLING FAN
5322 361 10875

COUPLER
5322 528 11219

COUPLING
5322 528 11374

COUPLING, AIR
5322 526 41094

COUPLING,X-AXIS :LCD
9965 000 10468

COVER 19
9965 000 10931

COVER, PLASTIC
9965 000 10932

CYLINDER : PBSA6X10
9965 000 10524

CYLINDER ASSY
9965 000 06013

CYLINDER ASSY
9965 000 09596

CYLINDER T-AXIS COMET 2
5322 360 10179

CYLINDER, ORION LOWER
5322 462 10762

CYLINDER,ORION DOOR LIFT
5322 529 10351

D-POWER ASSY
9965 000 09083

DIFFUSER 2
9965 000 09602

DIFFUSER 4
9965 000 09061

DRIVER BOARD ASSY
9965 000 10491

DRIVER BOARD ASSY
5322 216 04689
For Double Shuttle LCS

DRIVER BOARD ASSY
5322 216 04691

DUCT
9965 000 10476

DUMP BOX
5322 418 10402
160x80x35

DUST BOX
9965 000 10515

E-RING
9965 000 05422
E-ring FNC head Emerald XII

EJECTOR ASSY
9965 000 09042

ELBOW JOINT BM/12
5322 395 90955

EMG switch
9498 396 00726

EXTENSION TYPE H FOR THK
9965 000 02775
120mm angled extension tube

EXTENSION TYPE P FOR THK
9965 000 02766
Pointed tip for external application

FAN MOTOR ASSY
9965 000 10473

FAN MOTOR ASSY
9965 000 09070

FDD 3.5 INCH 1.44MB
5322 693 91639

FIDUCIAL LIGHT ASSY
5322 218 12099
Complete Lighting assembly

FILTER CAP, PLASTIC
5322 462 11024
for Ejector Filter

FILTER, F600-04-A
5322 480 20139
Main Inlet AIR Filter Unit

FILTER, METAL CAP
5322 462 11025

FILTER, MF600-04-A
5322 480 20141
Main Inlet MIST Filter unit

FLASH BOARD ASSY
9965 000 09085

FLASH DISK 256MB
9965 000 09084

GASKET
5322 466 11133

GEAR
9965 000 06020

GEAR 1
9965 000 09054

GEAR 2
9965 000 09056

GLASS ADJUSTMENT KIT
5322 395 10825
PA 1912-00 for GEM

GLASS QFP-2S
5322 395 10824
With Sticker

Yamaha SMT Machine Spares - YV180XG Sapphire XII

GREASE 9965 000 16803	HANDLE 9965 000 10528	Harness DC12V LCD pwr 9498 396 01371
GREASE NIPPLE 5322 526 10729	HANDLE MOV.LOCATE 5322 498 50336	HARNESSES PWM/FDBK 1 5322 320 12771
Grease, Krytox GPL225 4035 114 01320 Moving orings and seals	HARNESSES 9965 000 09041	HARNESSES PWM/FDBK2 5322 320 12754
GUAGE, PRESSURE 5322 349 20152	HARNESSES 9965 000 09078	HARNESSES, 17-1 SMEMA 5322 320 11928
GUIDE 9965 000 10525	HARNESSES 9965 000 09076	HARNESSES, SMEMA - 5322 320 11927
GUIDE 9965 000 10523	HARNESSES 9965 000 09037	HARNESSES, SMEMA - 5322 320 11926
GUIDE 9965 000 10483	HARNESSES 9965 000 09079	HINGE 2 5322 417 11366
GUIDE 9965 000 10525	HARNESSES 9965 000 09035	HNS, SWITCHER BRD (J212) 9965 000 15427
GUIDE 1 9965 000 10520	HARNESSES 9965 000 10359	HNS, SWITCHER BRD (J213) 9965 000 15428
GUIDE 1 T-AXIS 9965 000 10475	HARNESSES 9965 000 09077	HNS.PWM/FDBK A 9965 000 10493
GUIDE 2 END MAIN CONV. 5322 463 11222	HARNESSES 9965 000 09039	I/O BOARD CORE ASSY 9965 000 11067 only use 1.44 or higher soft-ware
GUIDE 3 T-AXIS 9965 000 10478	HARNESSES (J114) 9965 000 10346 J114	I/O BOARD UNIT ASSY 5322 216 04676 Only use the 01X Boards !!! or 00X with 1.44 or higher I-O software
GUIDE 4 9965 000 10522	HARNESSES (J136) 9965 000 10348	I/O CONVEYOR UNIT ASSY 5322 216 04674 Only use the 02X Boards !!! or upgrade 01X with I-O software version 1.44 or higher
GUIDE Z AXIS 5322 463 11287 Head Assembly Z axis movement	HARNESSES (J173) 9965 000 10352	
GUIDE, STEEL 9965 000 16795	HARNESSES 4-7 (J115) 9965 000 10339 J115	ID READER BRD (10) 9498 396 00537
GUIDE,HARNESSES 9965 000 10488	HARNESSES 5-8 (J128) 9965 000 10340	Jig, ITF Feeder-plate Calibration Tool 4022 591 74271 Tool to align the feeder pick up position

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JIG, R FIX 5322 395 10879 Used to mechanically align all 8 splines	M2X4 FLAT HEAD (10 PCS) 5322 502 14662 FNC Pinion Gear Screw	NOZZLE 1 5322 360 10484 PA 2962-38
JOINT 9965 000 06122	MAIN COVER 9965 000 11069	NOZZLE 2 5322 360 10485 PA 2962-39
JOINT 5322 395 90723	MAIN LIGHT ASSY 9965 000 09600	NOZZLE 3 SHAFT 5322 360 10486 PA 2962-40
JOINT 5322 528 11375	MAIN LIGHT ASSY 9965 000 09499	NOZZLE 73 ASSY 9965 000 09096 90 degree rotated tip to match the 73F on the FNC Head refer to SI-CSM-556
JOINT 5322 395 90972	MAIN LIGHT ASSY 9965 000 09498	
JOINT 5322 528 11376	MARKER PIN 9965 000 09053 see SI-CSM-609R1	NOZZLE 73A 9965 000 02777 PA 2962-45
JOINT 5322 395 90939	MIST FILTER SAPPHIRE 9965 000 07927 Mist Filter element for main air inlet MF600 5322 480 20141	NOZZLE 74A ASSY 5322 360 10495 PA 2962-44
JOINT M-5ALU-4 9965 000 06078		NOZZLE ASSY (2,4,6,8) 5322 360 10483
JOINT, COMET INPUT AIR 5322 395 90938	MODULE ADAPTER, COMET 5322 693 91658	NOZZLE TYPE 71I 9498 396 00344
KEYBOARD-E 9965 000 09021	MOLYKOTE 6169 GREASE 9965 000 11066	NOZZLE TYPE 72I 9498 396 00345
LED BOARD ASSY 5322 216 04679	MOTHER BOARD ASSY 9965 000 09075	NOZZLE76A 5322 360 10496 PA2962-46 Melf
LEVELING BOLT ASSY 9965 000 09012	MUFFLER 5322 360 20106	NT+RTX FOR XII SERIES 9498 396 01417
LEVER,CLAMP 9965 000 10532	MUFFLER 5322 360 10172	
LIGHT 1 ASSY 5322 218 12096	MULTI CAMERA FOV35 9965 000 09831	NUT, LOCK 9965 000 02792
LOCK NUT 9965 000 12058	NAIL,PLATE 9965 000 10480	O RING, P4 (FOR TYPE 13) 5322 530 51373
LOCK NUT 5322 505 11268	NAIL,PLATE 9965 000 10538	O-RING IN ORIONHEADASSY 5322 530 10289
	NEEDLE ASSY. 9965 000 10539	O-RING TYPE4 (5 PCS) 5322 530 51359

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O-Rng PLAST CAP (1 PC) 5322 530 10474	Plate touch screen LCD 9498 396 01368	PUSH-UP PIN ASSY 9965 000 10371
PACKING 5322 532 13171	PLUG ASSEMBLY 5322 462 11201	REGULATOR, R600-03 5322 693 91649
PACKING 5322 532 12547 Seal is located on the lower part of the piston shaft	PLUG HEAD 2-4-6-8- 9965 000 03801	RING, 8 X1 NBR-A50 5322 530 51297
PACKING MYA-12.5 5322 532 13169	PNP CHANGER ASSY 9965 000 10474	SAFETY SWITCH 9965 000 09027
PACKING O-RING 5322 530 51347 Chevron seal common in Head Up Down Block Pneumatic connections	POWER SUPPLY 9965 000 09495 GS21	SAFETY SWITCH KEY 9965 000 09028
PACKING ORION TYPE MYA-1 5322 532 12546 Chevron seal used in Piston assembly	POWER TRANSFORMER 9965 000 09029	SCREW BALL X-AXIS 9965 000 10462
PACKING, ORION O-RINGTYP 5322 532 12545 Chevron seal used in Piston upper and lower plugs.	PROGRAM UNIT 9965 000 09024	SCREW BALL Y-AXIS 9965 000 10485
PIN 2 LOCATE 9965 000 06012	PULLEY 9965 000 09057	SCREW M1.4X0.3 5322 502 14663
PIN CONTACT (5 PCS) 5322 268 10315 Male Pins for connector 5322 268 40427	PULLEY 9965 000 06037	SCREW-LEAF SPRING 5322 502 60165
PIN LOCATE 5322 535 10677	PULLEY 9965 000 06024	SCREW, BALL 5322 535 10679
PIN,CAM 9965 000 09051	PULLEY 9965 000 10527	SCREW, M 4X 6SETF*STBLK 5322 502 30704
PISTON ASSY 5322 360 10481 For Spline up down movement	PULLEY 5 5322 528 11205	SCREW, SET M 4 X 4 5322 502 60153
PISTON PLUG ASSY 5322 360 10479 Upper Piston for FNC latching	PULLEY R MOTOR 9965 000 09043	SEAL (10 PC) 9965 000 09496 Tape to Cover Screws item 30 6 per pack-age
PLATE 6 (SWITCHER BOARD) 9965 000 15406	PULLEY, COMET II T-AXIS 5322 528 50355 Multi use pully. Common on H-Axis drive belt and W axis	SENSOR 1 ASSY 5322 132 00132 Omron E2S L=
	PULLEY, MOTOR 5322 528 11151	SENSOR 1 ASSY (R ORG) 5322 132 00129 Omron E2S L=
	Push-up pin assy 9498 396 01508	SENSOR 1-1 R1/R2 5322 132 00031 Multiple usage Proximity sensor

Yamaha SMT Machine Spares - YV180XG Sapphire XII

SENSOR 1-3 9965 000 06136 entrance	SHAFT 3 9965 000 10529	SPRING, MAIN 5322 492 11798 Lifts Head Assembly when servo power is removed
SENSOR 3 ASSY 9965 000 03812	SHAFT HEAD SUB ASSY 9965 000 10930	SPRING, T AXIS MAIN 5322 492 33414
SENSOR 3 ASSY 9965 000 03813	SHAFT HEAD SUB ASSY 9965 000 10928	SPRING, T AXIS NAIL 5322 492 33415
SENSOR 3 ASSY (L=450) 9965 000 04774	SHAFT HEAD SUB ASSY 9965 000 10929	STAND FOR GLASS QFP 5322 256 10459 Metal holder for glass QFP
SENSOR 4 ASSY 5322 132 00138 All 8 Head down limit Proximity sensors with harness and connector for all 8 heads.	SHOULDER BOLT 5322 500 10515	SUPPORT BRG. 9965 000 10470
SENSOR 5 ASSY 5322 132 00139 Nozzle	SLEEVE 9965 000 02791	SW POWER DC12 9965 000 09087
SENSOR FEEDER FLOATING 9965 000 10378	SPACER 1MM 5322 532 13005	SW POWER DC5 9965 000 09086
SENSOR HEAD ASSY 9965 000 10927	SPARK GAP, LA4-DC1U 5322 252 60138	SWITCH 9965 000 09040
SENSOR, 1-2 SUB STOP 5322 132 00056 Cable length = 1150mm	SPARK KILLER,S1/S2 ORION 5322 252 60145	SWITCHER BOARD ASSY 9965 000 09026
SENSOR, ORION X,Y-AXIS O 5322 132 00035 Used for X Axis Origin and Y Axis Origin sensors	SPEED CONTROLLER 9965 000 09601	SWITCHER BOARD ASSY 9965 000 15405
SENSOR,1-2 9965 000 10482	SPLINE 9965 000 10511	SYSTEM UNIT ASSY 9965 000 09072
SENSOR,1-2 ASSY 9965 000 10481	SPRING 5322 492 11797	TAPE 1,Y DUCT CABLE 9965 000 10486
SENSOR,3:EE-SX872P 9965 000 09058	SPRING 9965 000 10472	TAPE 2, X DUCT 9965 000 10466
SENSOR,S(L=500) 9965 000 10536	SPRING LOCATE 5322 492 11796	TAPE 2,Y DUCT CABLE 9965 000 10487
SERVO BOARD ASSY 9965 000 09080 Replaces 5322 216 04694	SPRING RETURN 5322 492 11794 FNC	TAPE 3,X DUCT 9965 000 10467
	SPRING RETURN INDEX HEAD 5322 492 11795 SF	TAPE BIN 5322 418 10226

Yamaha SMT Machine Spares - YV180XG Sapphire XII

Tape, Black double side 4035 114 01357 Tape, Black double side	VALVE 9965 000 09832
Tape, Double Sided CLC Reflective Foil 5322 466 11514 For Glass Plate Calibration	VALVE 9965 000 03807
TAPE, X DUCT 9965 000 10465	VALVE (040M12AJ1-7) 5322 360 10462
TAPE, Y AXIS 9965 000 10490	VALVE AIR-SELECT 5322 360 10209
THK EXTENSION TYPE N FOR 9965 000 02738 For 5mm Fittings	VALVE CLUTCH 5322 528 11373
TOOL WIRE (PIN PUSH) 9965 000 10364 Used as a Guide for inserting Pin cam.	VALVE:FES20 CLAMP 9965 000 09833
TOOL, PIN EXTRACTOR ASSY 9965 000 10376 Lock-Pin FNC Assembly tool	VALVE:040M8AJ1-7 9965 000 10461
TOOL,E-RING 9965 000 09094 For installing circlip E-ring 0.8mm	VGOS FOR XII SERIES 9498 396 01416
TOOL,HOOK 9965 000 09095 For removing circlip E-ring 0.8mm	VISION BOARD 9498 396 00494
TRANSFORMER 1 ASSY 9965 000 09071	WASHER 5322 532 12794
TRANSMITTER FEEDER 9965 000 10377	WASHER 9965 000 09052
VAC SENSOR BOARD ASSY 5322 216 04673	WASHER 1 THURUST 5322 532 12818 Special Washer
VALVE 9965 000 09595	WRENCH ASSY 5322 395 10877 Shaft assembly-disassembly
VALVE 9965 000 03808	X-AXIS GUIDE SET 9965 000 10463
VALVE 9965 000 03806 Systems after 99-01	Y AXIS GUIDE SET 9965 000 10484