



QTY.	PART NUMBER
1	TOM-01-LH-SIDE FRAME
1	TOM-02-RH-SIDE FRAME
2	TOM-03-BEARING TOP
2	TOM-04-BASE PLATE
2	TOM-05-CRANK SHAFT MAIN BEARING
1	TOM-06-CYLINDER
1	TOM-07-WATER JACKET
1	TOM-08-WATER JACKET REAR LID
1	TOM-09-WATER JACKET FRONT LID
1	TOM-10-WATER JACKET TOP TANK
1	TOM-11-WATER JACKET TOP TANK CROWN
1	TOM-12-WATER JACKET BOTTOM GLAND
1	TOM-13-CYLINDER FRONT LID
1	TOM-14-VALVE BASE
1	TOM-15-EXHAUST VALVE
1	TOM-16-EXHAUST VALVE BOTTOM BASE
1	TOM-17-EXHAUST VALVE TOP BASE
1	TOM-18-EXHAUST VALVE INLET PIPE
1	TOM-19-EXHAUST VALVE EXTERNAL HOUSING
1	TOM-20-EXHAUST VALVE HOUSING TOP
1	TOM-21-EXHAUST VALVE OULET PIPE
1	TOM-22-EXHAUST VALVE INTERNAL SPACER RING
1	TOM-23-FRONT VALVE ROD HOLDER
1	TOM-24-FRONT VALVE ROD HOLDER PIN
1	TOM-25-REAR VALVE ROD HOLDER
1	TOM-26-REAR VALVE ROD HOLDER SPRING PIN
1	TOM-27-ROLLER FOR PART 23
1	TOM-28-ROLLER FOR PART 25
1	TOM-29-CRANK SHAFT
2	TOM-30-FLYWHEEL
2	TOM-31-CRANK SHAFT SPACER
1	TOM-32-PISTON
1	TOM-33-PISTON CONNECTOR
1	TOM-34-CON ROD
1	TOM-35-CON ROD BIG END
1	TOM-36-CAM
1	TOM-37-INLET VALVE
1	TOM-38-INLET VALVE SPRING
1	TOM-39-INLET VALVE PUSH ROD
1	TOM-40-INLET VALVE PUSH ROD SPRING HOLDER PIN
2	TOM-41-INLET VALVE PUSH ROD SPACER
1	TOM-42-INLET VALVE PUSH ROD BALL BEARING
1	TOM-43-INLET VALVE PUSH ROD SPRING
1	TOM-44-WOOD BASE
1	TOM-45-FUEL TANK BARREL
2	TOM-46-FUEL TANK BARREL END
1	TOM-47-FUEL TANK FILLING GLAND
1	TOM-48-FUEL TANK FILLING CAP
1	TOM-49-FUEL TANK FILLING CAP VENT PIPE
1	TOM-50-FUEL TANK WICK HOLDER
2	TOM-51-FUEL TANK END BRACKET
1	TOM-52-FUEL TANK HOLDING DOWN BRACKET
4	TOM-53-BASE PLATE LOCATION PIN
2	TOM-M2.5 NUT
1	TOM-M2.5x5 P-HEAD SCREW
1	TOM-M3 NUT
1	TOM-M3x10 P-HEAD SCREW
4	TOM-M3x12 P-HEAD SCREW
2	TOM-M3x15 P-HEAD SCREW
4	TOM-M3x6 GRUB SCREW
4	TOM-M4x12 P-HEAD SCREW
10	TOM-M4x16 P-HEAD SCREW
1	TOM-M4x9 P-HEAD SCREW
1	TOM-M6x8
4	TOM-RIVET 1.5x2.5
2	TOM-WOOD SCREW 3x12
4	TOM-WOOD SCREW 4x15

NOTES:
 TITLE
FLAME EATING ENGINE CALLED "TOM"
BY PETER BAY 73230 KIRCHHEIM, GERMANY

DRAWING CONTENTS
**GENERAL ARRANGEMENT AND
 ISOMETRIC VIEW**

PROJECT No
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PROJECTION

 DATE
AUGUST 2013
 SHEET:01 OF 04

MODEL SCALE: 1:1
 DWG SCALE: 1:1 @A3 OR AS SHOWN
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A3 No: TOM-01