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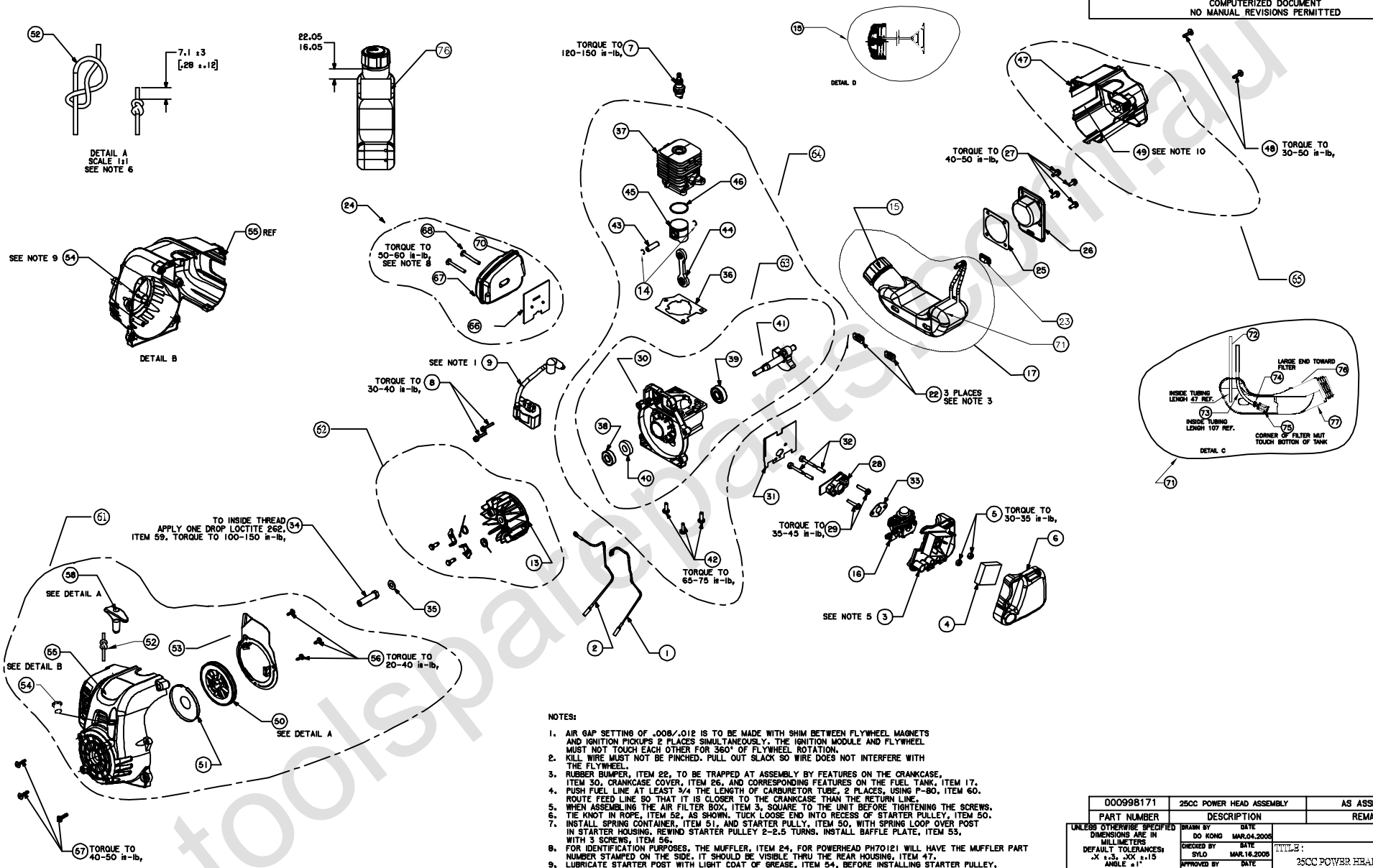
SIZE	DRAWING NUMBER
4	DES-25

REVISIONS

REV	ZONE	DESCRIPTION	ECR	CHECKED
01		RELEASE		

COMPUTERIZED DOCUMENT
NO MANUAL REVISIONS PERMITTED



NOTES:

1. AIR GAP SETTING OF .008/.012 IS TO BE MADE WITH SHIM BETWEEN FLYWHEEL MAGNETS AND IGNITION PICKUPS 2 PLACES SIMULTANEOUSLY. THE IGNITION MODULE AND FLYWHEEL MUST NOT TOUCH EACH OTHER FOR 360° OF FLYWHEEL ROTATION.
2. KILL WIRE MUST NOT BE PINCHED. PULL OUT SLACK SO WIRE DOES NOT INTERFERE WITH THE FLYWHEEL.
3. RUBBER BUMPER, ITEM 22, TO BE TRAPPED AT ASSEMBLY BY FEATURES ON THE CRANKCASE, ITEM 30, CRANKCASE COVER, ITEM 26, AND CORRESPONDING FEATURES ON THE FUEL TANK, ITEM 17.
4. PUSH FUEL LINE AT LEAST 3/4 THE LENGTH OF CARBURETOR TUBE, 2 PLACES, USING P-80, ITEM 60. ROUTE FEED LINE SO THAT IT IS CLOSER TO THE CRANKCASE THAN THE RETURN LINE.
5. WHEN ASSEMBLING THE AIR FILTER BOX, ITEM 3, SQUARE TO THE UNIT BEFORE TIGHTENING THE SCREWS.
6. TIE KNOT IN ROPE, ITEM 52, AS SHOWN. TUCK LOOSE END INTO RECESS OF STARTER PULLEY, ITEM 50.
7. INSTALL SPRING CONTAINER, ITEM 51, AND STARTER PULLY, ITEM 50, WITH SPRING LOOP OVER POST IN STARTER HOUSING. REWIND STARTER PULLEY 2-2.5 TURNS. INSTALL BAFFLE PLATE, ITEM 53, WITH 3 SCREWS, ITEM 56.
8. FOR IDENTIFICATION PURPOSES, THE MUFFLER, ITEM 24, FOR POWERHEAD PH70121 WILL HAVE THE MUFFLER PART NUMBER STAMPED ON THE SIDE. IT SHOULD BE VISIBLE THRU THE REAR HOUSING, ITEM 47.
9. LUBRICATE STARTER POST WITH LIGHT COAT OF GREASE, ITEM 54, BEFORE INSTALLING STARTER PULLEY.
10. APPLY HEAT SHIELD, ITEM 49, TO THE APPROIATE AREA IN REAR HOUSING, ITEM 47.
11. ROTOR AND PAWL ASSEMBLY MUST PASS WITH THIS SPECIFICATION: THE CLEARANCE BETWEEN THE PIN, ITEM 10, AND PAWL, ITEM 12, MUST BE WITHIN A MIN. OF ROTATING FREELY AND A MAX. OF .203 (.008").

PART NUMBER	DESCRIPTION	REMARKS
000998171	25CC POWER HEAD ASSEMBLY	AS ASSEMBLIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
DEFAULT TOLERANCES: .X ±.3, .XX ±.15 ANGLE ±1°
DO NOT SCALE
USE DIMENSIONS ONLY
DIMENSION & TOLERANCE PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION

DRAWN BY	DO KONG	MAR.04.2005
CHECKED BY	SYLO	MAR.16.2005
APPROVED BY		DATE
MATERIAL		

TITLE: 25CC POWER HEAD ASSEMBLY (000998171)

SIZE 4 | DRAWING NUMBER PLT-2543 | REV 02
SCALE 1:3 | GROUP CODE | SHEET 2 OF 2