

FLYWHEEL BALANCE SHEET

(WEIGHTS IN GRAMS)



OWNER'S NAME: _____

DATE: _____

ENGINE INFO

YEAR & TYPE OF ENGINE		PISTON TYPE:
BORE	STROKE	FLYWHEEL TYPE
ENGINE NOTES:		ROD TYPE
		ROD CAGES

STEP 1

FRONT PISTON WEIGHTS	
PISTON	_____
WRIST PIN	_____
CLIPS	_____
RINGS	_____
TOTAL	_____
REAR PISTON WEIGHTS	
PISTON	_____
WRIST PIN	_____
CLIPS	_____
RINGS	_____
TOTAL	_____
TOTAL OF BOTH PISTONS	

STEP 2

ROTATING WEIGHTS	
CRANK PIN	_____
NUTS	_____
BEARING	_____
CAGES	_____
BEARING	_____
ROLLERS	_____
NUT LOCKS & SCREWS	_____
TOTAL	_____

STEP 3

FRONT ROD WEIGHTS	
WP END	_____
CP END	_____
TOTAL	_____
ACTUAL WEIGHT (SHOULD MATCH TOTAL)	_____

REAR ROD WEIGHTS	
WP END	_____
CP END	_____
TOTAL	_____
ACTUAL WEIGHT (SHOULD MATCH TOTAL)	_____

STEP 4

TOTAL RECIPROCATING WEIGHT	
TOTAL OF BOTH PISTONS (FROM STEP 1)	_____
WP END OF FRONT ROD (FROM STEP 3)	_____
WP END OF REAR ROD (FROM STEP 3)	_____
TOTAL RECIPROCATING WEIGHT	_____

STEP 5

TOTAL ROTATING WEIGHT	
TOTAL OF CRANK PIN WEIGHTS (FROM STEP 2)	_____
CP END OF FRONT ROD (FROM STEP 3)	_____
CP END OF REAR ROD (FROM STEP 3)	_____
TOTAL ROTATING WEIGHT	_____

STEP 6

BALANCED RECIPROCATING WEIGHT	
TOTAL RECIPROCATING WEIGHT (FROM STEP 4)	_____
MULTIPLY BY BALANCE FACTOR	_____ x 0.6
EQUALS BALANCED RECIPROCATING WEIGHT	_____

STEP 7

BOBWEIGHT CALCULATION	
BALANCED RECIPROCATING WEIGHT (FROM STEP 6)	_____
PLUS TOTAL ROTATING WEIGHT (FROM STEP 5)	_____ + _____
EQUALS TOTAL BOBWEIGHT DIVIDE BY 2	_____ / 2
EQUALS BOBWEIGHT FOR EACH FLYWHEEL	_____