

TECHNICAL BULLETIN

SERVICE DATA

CRANKSHAFT SPECIFICATIONS

The following information is to be used in conjunction with your 1971-1972 Crankshaft Data Sheet, P/N LIT 11650 30 72.

MODEL	DISP. (cc)	* DEFLECTION TOLERANCE				* FLYWHEEL WIDTHS		* ROD CLEARANCE		
		1	2	3	4	F	A	New Max	Min	Max
RD60	55	0.03	---	---	0.03	38 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.2~0.5
RD250	247	0.03	---	---	0.03	52 ⁺⁰ -0.05	154 ^{+0.05} -0.10	0.8 ~1.0	2	0.1~0.3
RD350	347	0.03	---	---	0.03	52 ⁺⁰ -0.05	154 ^{+0.05} -0.10	0.8 ~1.0	2	0.1~0.3
TX650	653	0.03	---	---	0.03	66 ^{+0.05} -0.10	186 ⁺⁰ -0.3	0.8 ~1.0	2	0.3~0.6
^o TX750	743	0.03	---	---	0.03	---	---	^o See Below		0.3~0.6
GT1	72	0.03	---	---	0.03	38 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.2~0.5
LT3	97	0.03	---	---	0.03	50 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.4~0.5
AT3	123	0.03	---	---	0.03	56 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.4~0.5
CT3	171	0.03	---	---	0.03	56 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.4~0.5
DT3	246	0.03	---	---	0.03	62 ⁺⁰ -0.05	---	0.8 ~1.0	2	0.4~0.6
RT3	351	0.03	---	---	0.03	62 ⁺⁰ -0.05	---	0.8 ~1.0	2	0.4~0.6
GTMX	72	0.03	---	---	0.03	38 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.2~0.5
LTMX	97	0.03	---	---	0.03	50 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.4~0.5
ATMX	123	0.03	---	---	0.03	56 ^{+0.05} -0.10	---	0.8 ~1.0	2	0.4~0.5
MX250	246	0.03	---	---	0.03	64 ⁺⁰ -0.05	---	0.8 ~1.0	2	0.4~0.5
MX360	351	0.03	---	---	0.03	64 ⁺⁰ -0.05	---	0.8 ~1.0	2	0.4~0.5
SC500	496	0.03	---	---	0.03	64 ⁺⁰ -0.05	---	0.8 ~1.0	2	0.4~0.5

^oPlain bearing
"billet" crank.

*All Dimensions are in MM.

AUTOLUBE ADJUSTMENT

MODEL	STROKE(mm) MIN/MAX
GT1	0.30-0.35/1.65-1.80
GTMX	0.30-0.35/1.65-1.80
LT3	0.20-0.25/1.85-2.05
LTMX	0.20-0.25/1.85-2.05
AT3	0.20-0.25/1.85-2.05
ATMX	0.20-0.25/1.85-2.05
CT3	0.20-0.25/1.85-2.05
DT3	0.20-0.25/1.85-2.05
MX250	φ φ
RT3	0.20-0.25/1.85-2.05
MX360	φ φ
SC500	φ φ
RD60	0.30-0.35/1.65-1.85
RD250	0.20-0.25/2.05-2.27
RD350	0.20-0.25/2.05-2.27

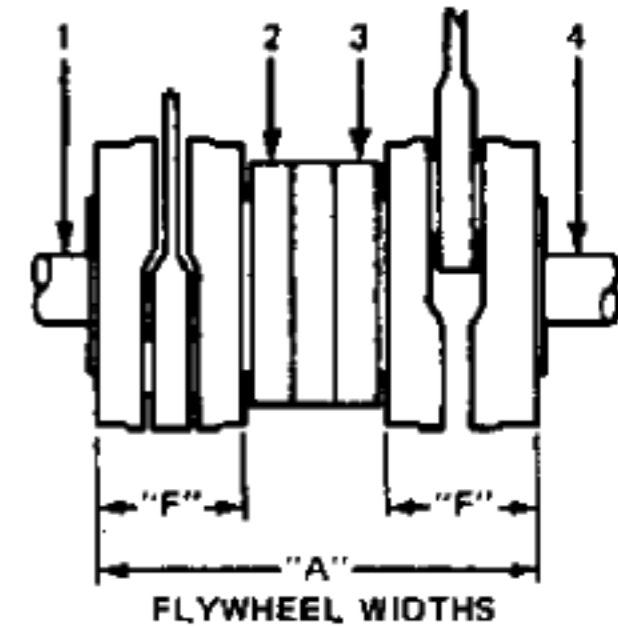
TORQUE SPECIFICATIONS

Size	Kg/M	Ft. Lbs.	In. Lbs.
6mm	1.0	7	90
7mm	1.5	11	135
8mm	2.0	15	180
10mm	3.5-4.0	26-29	300-350
12mm	4.0-4.5	29-33	350-400
14mm	4.5-5.0	33-37	400-450
17mm	5.8-7.0	40-50	500-600
Sp. Pl.	27-29	19-21	230-250

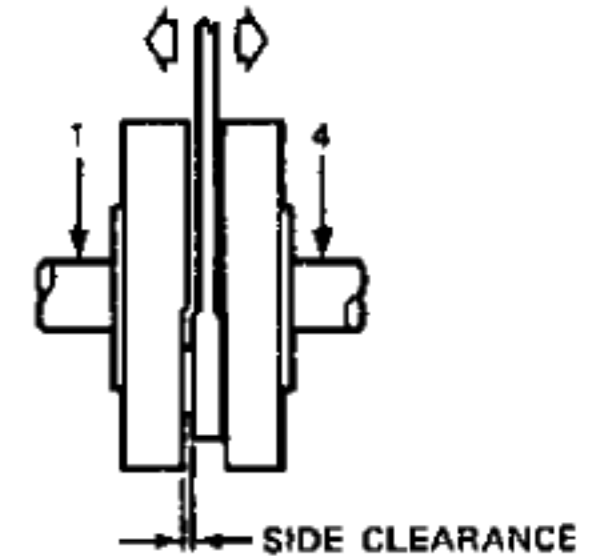
FLOAT LEVEL

Float level on units equipped with splash guard around mixing chamber (MX's) can be estimated by setting float arm level with carburetor float bowl gasket surface.

MEASURE DEFLECTION HERE



AXIAL CLEARANCE



MODEL	DISP. (cc)	*DEFLECTION TOLERANCE				*FLYWHEEL WIDTHS		*ROD CLEARANCE		
		1	2	3	4	F	A	NEW MAX	MIN	MAX
RD350	347	0.03	---	---	0.03	52 ⁺⁰ -0.05	154 ^{+0.05} -0.10	0.8 ~1.0	2	0.1~0.3

MODEL	DISP. (cc)	DEFLECTION TOLERANCE				FLYWHEEL WIDTHS		ROD CLEARANCE			
		1	2	3	4	F	A	NEW	MAX	MAX	MIN
RD350A	347	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.10	0.8~1.0	2.0	0.3	0.1
RD350B	347	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.10	0.8~1.0	2.0	0.5	0.2