PROBLEM:

There have been some complaints from the field about engine vibration on the S2, especially when the machine is operated at high speed.
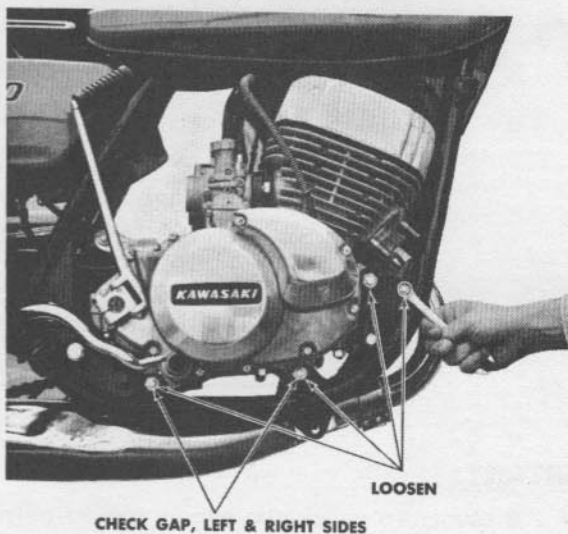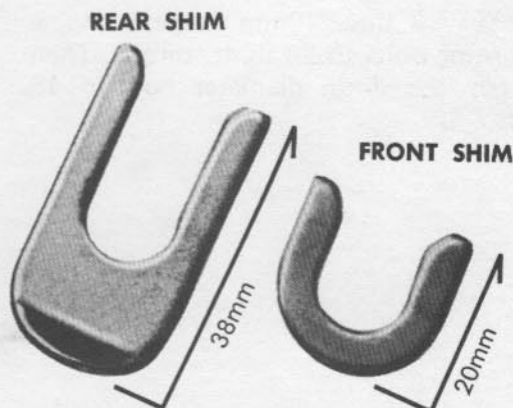
CORRECTION:

Kawasaki has decided to install engine mount shims on all new S2 motorcycles. These are the same type of shims that are presently being used on the H2 and H1. All S2's, frame number S2F-26858 and above, will have engine mount shims installed at the factory. It is not necessary to install shims on all S2's now in the field, but if an individual motorcycle vibrates excessively, shimming should help to cure the problem. In any event, engine mount shims should be used whenever a frame is replaced.

REAR SHIM

FRONT SHIM

38mm

20mm

INSTALLATION:
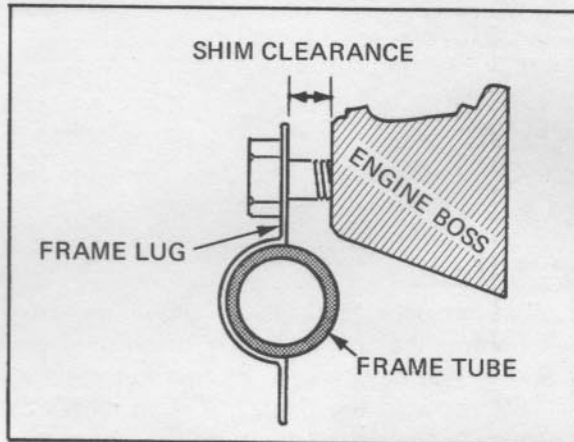
To install the shims:

A. Take off the left and right muffler and loosen the center exhaust pipe holder nuts. **IMPORTANT:** This step relieves the front mounting lugs of outside stresses that could affect shim adjustment. Loosen the engine mount bolts shown.
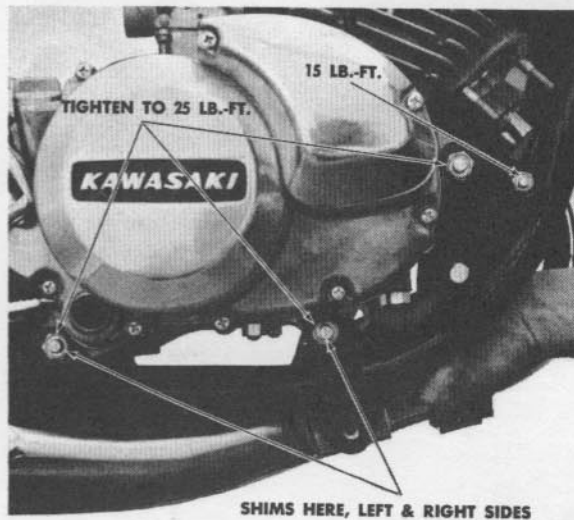
LOOSEN

CHECK GAP, LEFT & RIGHT SIDES

B. Without removing the engine, use a thickness gauge to check the clearances between the engine bosses and the frame lugs on both sides of the engine.

C. At each of the four gaps, insert the proper size shim to take up all the clearance. **NOTE:** If necessary, you can "stack" shims.

D. Tighten the three 10mm diameter engine mounting bolts to 24 lb.-ft. torque. Then tighten the 8mm diameter bolt to 15 lb.-ft.

DESCRIPTION	P/N	REMARKS	NOTES
Front Shim	92025-048	0.5mm	Used on all S2's from S2F-26858
	92025-049	0.8mm	
	92025-050	1.0mm	
	92025-051	1.6mm	
	92025-052	2.0mm	
Rear Shim	92025-053	0.5mm	
	92025-054	0.8mm	
	92025-055	1.0mm	
	92025-056	1.6mm	
	92025-057	2.0mm	
	92025-058	2.3mm	

IMPORTANT:

Advise the owner to check the engine mount-bolts for tightness at regular intervals. Also, this is a mandatory check on scheduled dealer services.

WARRANTY INFORMATION:

This bulletin is for service information only, not for warranty authorization. ∎