

LM 20" MANHOLE ASSEMBLY CAM LEVER ADJUSTMENT PROCEDURE

TECHNICAL BULLETIN 2-92

STEP 1: After cover (1) is installed on weld ring (2) with hinge pin (3), position cam levers (4) on cover and close cam at each hold-down position. Minimal friction resistance between bottom of cam & top of wear plate (9) should be evident. See illustration.

STEP 2: Loosen jam nut (5) on each cam lever stud (6) and rotate cam lever clockwise until gasket (7) and weld ring's top surface make contact at each of the six cam locations.

STEP 3: To insure good peripheral seal, rotate the cam lever one additional turn and close cam at each of the six positions. Care should be taken so that cam/stud adjustment does not compress gasket more than .075". Over-compressing could result in premature gasket failure.

STEP 4: Lock cam into place by tightening jam nut against connector (8). Repeat for each cam position.

NOTE (1): Gaskets should be checked periodically for cuts or accumulation of product that could result in sealing problems. Replace all damaged gaskets.

NOTE (2): Cam levers need to be inspected for excessive wear in the area where they make contact with the wear plate (9). If the cam lever is not worn and is functioning properly, resistance should be present when opening the cam lever. If the cam lever opens easily with minimal resistance, and shows excessive wear, replace cam lever immediately.