



MGM Brakes

A Division of Indian Head Industries, Inc.

TECHNICAL BULLETIN

SUBJECT: BRAKES CAMSHAFT ROTATION RECOMMENDATION

It is recommended that service brake chambers, service and spring brake chambers be installed on vehicle axles so that the rotation of the brake camshaft is in the same direction as the rotation of the wheel and drum in forward vehicle travel as shown in Figure 1.

This recommendation is based on documented evidence that “reverse cam rotation” can contribute to air brake actuator non-pressure chamber cracking, rod seal leaks and/or loosening of the pushrod plate.

It should also be noted that “reverse cam rotation” can result in noise, chatter and axle hop and could cause damage to the axle assembly.