

Limitorque

# Limitorque Corporation

Automated Valve Actuators and Jacks for Industry

5114 Woodall Road • P.O. Box 11318 • Lynchburg, VA 24506-1318  
Telephone (804) 528-4400 • FAX (804) 845-9736

August 5, 1994

US Nuclear Regulatory Commission  
OWFN 13E21  
Washington, DC 20555

ATTENTION: Tony Gody

SUBJECT: Worm Shaft Clutch Gear Part Number Change SMB-0 Through SMB-4

Dear Sir:

Until recently Limitorque Corporation has been using a bill of material assembly number as the part number for worm shaft gear assemblies furnished for the SMB-0 through SMB-4 actuators. For example, Part Number 0501-130, was the part number for the worm shaft gear assembly for a 30 tooth worm shaft gear for a SMB-0 unit. This assembly included the worm shaft gear, Part Number 60-420-0119-1, along with a bushing and cam pin as a complete assembly. Similar assembly part numbers existed for all hard clutch assemblies for the large SMB units.

Due to a change in the manufacturing process for this particular piece, we have restructured our part number to be consistent with the manufacturing process. The bushing and the cam pin have now been attached to the 10-digit part number for the worm shaft gear. Therefore, these assemblies are now stocked under the 10-digit part number. For the example listed above, a 30 tooth worm shaft gear assembly for an SMB-0 will now be stocked and furnished as Part Number 60-420-0119-1.

This part number change applies only to the hard clutch assemblies for the SMB-0 through 4. The soft clutch assemblies used on the SMB-1 through 4 units will continue to be stocked and supplied under the existing bill of material assembly part numbers.

120033  
9408150265 940805  
PDR MISC  
9408150265 PDR

2222  
All attached  
distribution  
per: Allen Hinson

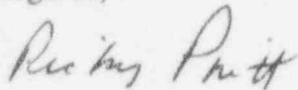
Page 2

August 4, 1994

Worm Shaft Clutch Gear Part Number Change SMB-0 Through SMB-4

Attached please find a list of the old bill of material, assembly part numbers, and the corresponding 10-digit part numbers which have replaced them.

Regards,



P. R. "Ricky" Pritt  
Quality Assurance Engineer

RP/lab

Attachment

cc: Chuck Doremus  
Pat McQuillan  
Evelyn Crain  
Subhash Goswami  
Mark Smith  
Correspondence File

UNIT SIZE	PC. #	C R I T I C A L	DESCRIPTION	OLD B/M #	CORRECT PART #
SMB-0	41	C	Worm Shaft Clutch Gear, Hard Clutch		
			W.S. Clutch Gear (30T)	0501-130	60-420-0119-1
			W.S. Clutch Gear (31T)	0501-131	60-420-0120-1
			W.S. Clutch Gear (32T)	0501-132	60-420-0121-1
			W.S. Clutch Gear (33T)	0501-133	60-420-0122-1
			W.S. Clutch Gear (34T)	0501-134	60-420-0123-1
			W.S. Clutch Gear (35T)	0501-135	60-420-0124-1
			W.S. Clutch Gear (37T)	0501-137	60-420-0125-2
			W.S. Clutch Gear (38T)	0501-138	60-420-0126-1
			W.S. Clutch Gear (39T)	0501-139	60-420-0127-1
			W.S. Clutch Gear (40T)	0501-140	60-420-0128-2
			W.S. Clutch Gear (41T)	0501-141	60-420-0129-1
			W.S. Clutch Gear (42T)	0501-142	60-420-0130-1
			W.S. Clutch Gear (43T)	0501-143	60-420-0131-1
			W.S. Clutch Gear (44T)	0501-144	60-420-0132-1
			W.S. Clutch Gear (45T)	0501-145	60-420-0133-1
			W.S. Clutch Gear (46T)	0501-146	60-420-0134-1
			W.S. Clutch Gear (47T)	0501-147	60-420-0135-1
			W.S. Clutch Gear (49T)	0501-149	60-420-0139-1
			W.S. Clutch Gear (50T)	0501-150	60-420-0136-1
			W.S. Clutch Gear (51T)	0501-151	60-420-0137-1
			W.S. Clutch Gear (52T)	0501-152	60-420-0138-1
SMB-1	41	C	Worm Shaft Clutch Gear, Hard Clutch		
			W.S. Clutch Gear (38T)	0701-138	60-420-0073-1

UNIT SIZE	PC. #	C R I T I C A L	DESCRIPTION	OLD B/M #	CORRECT PART #
			W.S. Clutch Gear (39T)	0701-139	60-420-0074-1
			W.S. Clutch Gear (40T)	0701-140	60-420-0075-1
			W.S. Clutch Gear (41T)	0701-141	60-420-0076-1
			W.S. Clutch Gear (42T)	0701-142	60-420-0077-1
			W.S. Clutch Gear (43T)	0701-143	60-420-0078-1
			W.S. Clutch Gear (44T)	0701-144	60-420-0079-1
			W.S. Clutch Gear (45T)	0701-145	60-420-0080-1
			W.S. Clutch Gear (46T)	0701-146	60-420-0081-1
			W.S. Clutch Gear (47T)	0701-147	60-420-0082-1
			W.S. Clutch Gear (49T)	0701-149	60-420-0083-1
			W.S. Clutch Gear (50T)	0701-150	60-420-0084-1
			W.S. Clutch Gear (51T)	0701-151	60-420-0085-1
			W.S. Clutch Gear (52T)	0701-152	60-420-0086-1
<b>SMB-2</b>	<b>41</b>	<b>C</b>	<b>Worm Shaft Clutch Gear, Hard Clutch</b>		
			W.S. Clutch Gear (38T)	0901-138	60-420-0106-1
			W.S. Clutch Gear (39T)	0901-139	60-420-0107-1
			W.S. Clutch Gear (40T)	0901-140	60-420-0108-1
			W.S. Clutch Gear (41T)	0901-141	60-420-0109-1
			W.S. Clutch Gear (42T)	0901-142	60-420-0110-1
			W.S. Clutch Gear (43T)	0901-143	60-420-0111-1
			W.S. Clutch Gear (44T)	0901-144	60-420-0112-1
			W.S. Clutch Gear (45T)	0901-145	60-420-0113-1
			W.S. Clutch Gear (46T)	0901-146	60-420-0114-1
			W.S. Clutch Gear (47T)	0901-147	60-420-0115-1
			W.S. Clutch Gear (48T)	0901-148	60-420-0116-1

UNIT SIZE	PC. #	C R I T I C A L	DESCRIPTION	OLD B/M #	CORRECT PART #
			W.S. Clutch Gear (49T)	0901-149	60-420-0117-1
			W.S. Clutch Gear (50T)	0901-150	60-420-0118-1
<b>SMB-3</b>	<b>41</b>	<b>C</b>	<b>Worm Shaft Clutch Gear, Hard Clutch</b>		
			W.S. Clutch Gear (33T)	1101-133	60-420-0047-1
			W.S. Clutch Gear (34T)	1101-134	60-420-0048-1
			W.S. Clutch Gear (35T)	1101-135	60-420-0049-1
			W.S. Clutch Gear (36T)	1101-136	60-420-0050-1
			W.S. Clutch Gear (37T)	1101-137	60-420-0051-1
			W.S. Clutch Gear (38T)	1101-138	60-420-0042-1
			W.S. Clutch Gear (39T)	1101-139	60-420-0043-1
			W.S. Clutch Gear (41T)	1101-141	60-420-0052-1
			W.S. Clutch Gear (42T)	1101-142	60-420-0044-1
<b>SMB-4</b>	<b>23</b>	<b>C</b>	<b>Worm Shaft Clutch Gear, Hard Clutch</b>		
			W.S. Clutch Gear (40T)	1301-140	60-420-0029-1
			W.S. Clutch Gear (41T)	1301-141	60-420-0001-1
			W.S. Clutch Gear (42T)	1301-142	60-420-0002-1
			W.S. Clutch Gear (43T)	1301-143	60-420-0003-1
			W.S. Clutch Gear (44T)	1301-144	60-420-0004-1
			W.S. Clutch Gear (45T)	1301-145	60-420-0005-1
			W.S. Clutch Gear (46T)	1301-146	60-420-0006-1
			W.S. Clutch Gear (47T)	1301-147	60-420-0007-1
			W.S. Clutch Gear (49T)	1301-149	60-420-0008-1
			W.S. Clutch Gear (50T)	1301-150	60-420-0009-1
			W.S. Clutch Gear (51T)	1301-151	60-420-0010-1