



PERFORMANCE BULLETIN

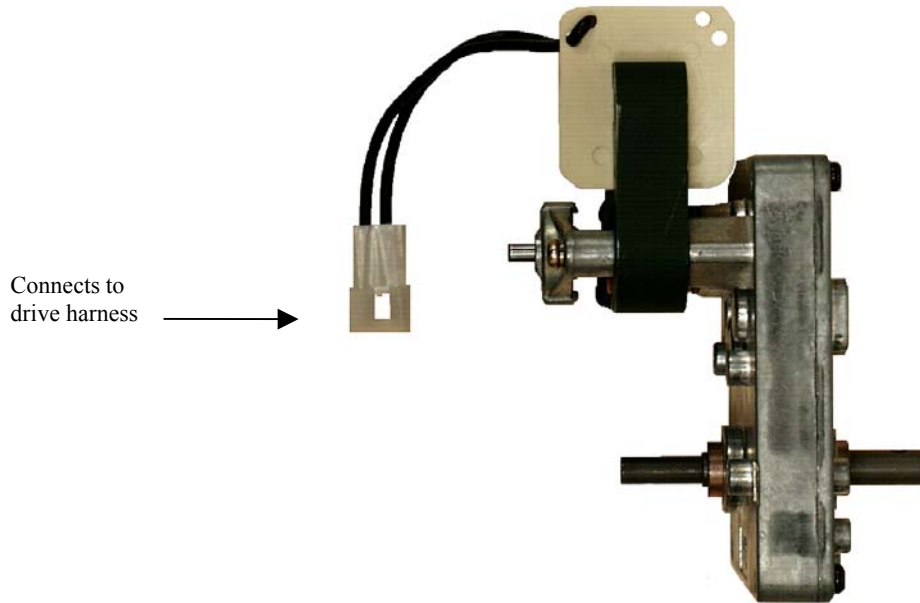
Product Application Service General news from



March 12, 2001

New and Improved Drive Motor

We are introducing the new SPG drive motor to replace the Merkle Korff drive motor. We have been using the drive motors on a variety of our control valves (1500, 2510, 2750, 2850, 2900, 2930, 3130, 3150, and 3900). The Merkle Korff motors have been obsolete since the end of February 2001. Starting March 1st, 2001, the new SPG drive motors are in production as inventory is used up. The SPG drive motor has a 2 pin connector (see picture below) replacing the 3/16" spade terminals with the M&K terminal covers.

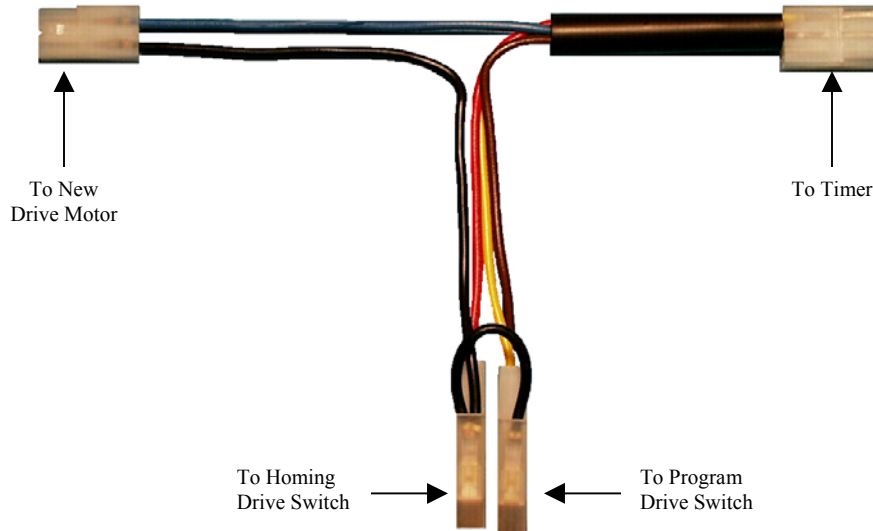


The chart below lists the Old Merkle Korff motor with the New SPG motor part numbers and what control valve they are used on.

Old Merkle Korff	Description	Control Valves	New SPG
10769	Motor, Drive, 110V, 50/60 HZ W/M&K Terminal Covers	1500-2900	40384
15073	Motor, Drive, 24V, 60 HZ W/M&K Terminal Covers	1500-2900	40385
13383	Motor, Drive, 24V, 50 HZ W/M&K Terminal Covers	1500-2900	40385
12292	Motor, Drive, 220V, 50/60 HZ W/M&K Terminal Covers	1500-2900	40386
14772	Motor, 110V, 60 HZ W/M&K Terminal Covers	2900 Lower	40387
15653	Motor, 24V, 60 HZ W/M&K Terminal Covers	2900 Lower	40388
15651	Motor, 24V, 50 HZ W/M&K Terminal Covers	2900 Lower	40388
15305	Motor, Drive, 220V, 50/60 HZ W/M&K Terminal Covers	2900 Lower	40389
16500	Motor, Drive, 220V, 50/60 HZ W/M&K Terminal Covers	3150/3900	40390
16501	Motor, Drive, 24V, 50/60 HZ W/M&K Terminal Covers	3150/3900	40391
16044	Motor, Drive, 115V, 50/60 HZ W/M&K Terminal Covers	3150/3900	40392

The New Drive Harness Connection

With the new drive motor change, the drive harnesses will also be changed. This new drive harness will make the connection to the 2-pin connector of the drive motor easy to install. The picture below shows the connections to the new drive harness.



The chart below lists the Old Drive Harness with the New Drive Harness part numbers, and what control valve they are used on.

Old Harness	Description	Control Valves	New Harness
16243	Harness, 2900/3900/Triplex, System 7	2900	40395
16430	Harness, 3150/3900 Systemax	3130, 3150, 2930, 3900	40396
16564	Harness, 2900, System 7	2900, 3900	40397
19574	Harness, Lead, #7, Triplex	2900, 2930, 3900	40398
40348	Harness, Drive, # 7 Multiple	2930, 3900	40399
11667	Harness, Drive	1500, 2510, 2750, 2850, 2900	40400
14827	Harness, 2900/Systemax/Fleck Europe	2900	40401
15926	Harness, System 4	2900	40402
15936	Harness, 2900/ System, #7, Lag	2900	40403
15938	Harness, 2900/ System #7 Lead	2900	40404
19015	Harness, Lower Drive #4 WR	2900, 2930, 3900	40405
19016	Harness, Lower Drive, 5 & 6 W.R.	2900, 2930, 3900	40406
19017	Harness Lower Drive, #7, Lead W.R.	2900, 2930, 3900	40407
New for Drive Harness Field Replacement			40409
19018	Harness, Lower Drive, #7 Lag, W.R.	2900, 2930, 3900	40408
16427-04	Wire, Lead 12", White	2930, 3130, 3150, 3900	40410

As always, thank you for using Fleck controls.

Sincerely,
Pentair Water Treatment, Inc.

Jay Runkle
Technical Product Support