ITEM NO. | DESCRIPTION | QTY.
--- | --- | ---
1 | SPINDLE HEAD MACH TL-3 | 1
2 | SPKT PCGT 8M-112-60 | 1
3 | RING RETAINER SPINDLE | 1
4 | SPINDLE CARTRIDGE | 1
5 | LOCATING PIN | 1
6 | O-RING 2-265 BUNA | 1
7 | STANDOFF 3/8 X 3.375 HEX 8-32 M/F ALUM | 4
8 | SPKT TIMING L-.375-40 SPINDLE | 1
9 | HAAS MAGNETIC ENCODER (SHAFTED) | 1
10 | TIMING BELT L-.500-30 300LD50 | 1
11 | SHCS 3/8-16 X 1 1/4 | 6
12 | SHCS 3/8-16 X 3/4 ZINC PLATED | 1
13 | SHCS 3/8-16 X 3 1/4 | 6
14 | SHCS 8-32 X 5/8 | 4
15 | 30-8344 OIL GEAR PUMP ASSY TL-3W | 1
16 | MOTOR MOUNT MACH TL-3W | 1
17 | BRACKET, ENCODER SPRING MOUNT | 1
18 | SPACER .281ID 1/2OD .60LG | 3
19 | FHCS 8-32 X 3/8 | 2
20 | WASHER 1/4 HARD 1/4ID X 5/8OD X 1/8 THK | 11
21 | HAAS MAGNETIC ENCODER | 1
22 | DRV BELT PCGT BMGT-2240-21 | 2
23 | SPINDLE EXTENSION TL-3 HT | 1
24 | SHCS 1/4-20 X 2 1/2 | 4
25 | SSS 8-32 X 1/4 HALF DOG MCMASTER 92505A | 1
26 | SHCS 10-32 X 1 1/2 | 1

DESCRIPTION EFFECTIVE DATE
TL-3W SPINDLE ASSEMBLY 1800 RPM NOV-2009

SAP DOC NO./VER: 10000007008/01