

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

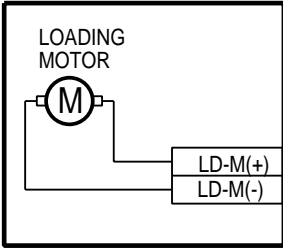
NOTE:
WHEN INSTALLING THE IC2501 (AN3845SC OR AN3846SC) OR CAPSTAN STATOR C.B.A.,
BE SURE TO APPLY SILICON GREASE(VFK1301). REFER TO "CAPSTAN STATOR C.B.A."
OF MECHANISM SECTION IN DISASSEMBLY/ASSEMBLY PROCEDURES.

NOTE:
THE FOLLOWING PARTS ON THE CAPSTAN STATOR C.B.A. ARE NOT SUPPLIED SEPARATELY.
PLEASE ORDER AND REPLACE WITH THE CIRCUIT BOARD ASSEMBLY INSTEAD OF INDIVIDUAL PARTS.
(Q2501, Q2502, Q2503, CAPSTAN COIL)

NOTE:
PARTS ENCLOSED IN DASHED LINES MARKED "Z" ARE NOT USED.

CAPSTAN SERVO

LOADING MOTOR UNIT



P2503
2
1

(TO MAIN C.B.A.)
P6201

P2502
12 GND
11 CAP FG(-)
10 CAP DIRECTION
9 CAP FG(+)
8 CAP TORQ.LIM
7 LD-M FWD(H)
6 V-REF
5 LD-M REV(H)
4 CAP ERROR
3 UNSW +5V(SYS.CTL)
2 UNSW +5V(SYS.CTL)
1 SW +14V

IC2501
AN3845SC (CAPSTAN/LOADING)
MOTOR DRIVE

LOADING
MOTOR
CONTROL
LOGIC

TORQUE
COMMAND

DIRECTION
CONTROL
LOGIC

CAPSTAN
MOTOR COIL
DRIVE

UPPER
DRIVE
CONTROL

LOWER
DRIVE
CONTROL

DIRECTION
DETECT

POSITION
SIGNAL
PROCESS

VCC

C2505
Z

R2501 1 1/8W
R2502 1 1/8W

C2517 0.1

C2510 0.1

Z C2523

C2520 2.2

Z C2524

C2521 2.2

Z C2525

C2522 2.2

C2508 0.1

C2509 0.1

R2505 2200

C2519 1000P

GND

C2506 0.01

C2504 0.01

C2507 0.01

C2511 0.1

Q2501
(HALL
TRANSISTOR)

H1- VH-

VH+ H1+

H2- VH-

VH+ H2+

H3- VH-

VH+ H3+

Q2502
(HALL
TRANSISTOR)

H2- VH-

VH+ H2+

H3- VH-

VH+ H3+

H1- VH-

VH+ H1+

Q2503
(HALL
TRANSISTOR)

H3- VH-

VH+ H3+

H1- VH-

VH+ H1+

H2- VH-

VH+ H2+

CAPSTAN COIL

IC2505 EZMPS300F12
(MR HEAD)

VCC OUT1 GND

1 2 3 4