FOR MORE DETAIL ON MCU, SEE MCU SCHEMATIC 72-3658

CHARIOT LATCH CLOSED
IN CHARIOT TRACK
10-4708A
10-4734A
IN CHARIOT

CASSETTE 1 HOME
CASSETTE 2 HOME
CASSETTE 3 HOME
CASSETTE 4 HOME
10-4730A

CASS POSITION 1
CASS POSITION 2
CASS POSITION 3
CASS POSITION 4
36-3141

CHARIOT FULLY OUT
CHARIOT FULLY IN
CHARIOT PARKED
PICKER DOOR CLOSED
CASSETTE DOOR CLOSED
CASSETTE DOOR OPEN
36-3141

10-4707A
10-4705A

CASSETTE DOOR
10-4742A
10-4743A
INSIDE FLEX TUBING

X-AXIS SAFE ZONE SENSORS
10-4733A-A
10-4379
TRACK ARM
10-4918
UMBILICAL MODULE #1
10-4698B

TO MCU RELAYS
10-4752A

10-4352A

2X10
SHROUDED HEADER

GENINE 1
10-4227C

AN. 0 J3
AN. 2 J6
EXT TEMP J11
J13 RS232
5 A STPR I/F J17
H/A 1 J20
LAMPS J23
AN. 1 J1
CAN EXP J22
EXP BUS 1 J26
EXP BUS 2 J24
5 A STPR POWER J27
3 A STPR J25
J2 DIG IN 3
DIG IN 4 J5
8 DIG INPUTS
VACUUM
2X17
2X15
8 DIG INPUTS
J4 DIG IN 2
J10 DIG IN 1
J14 H/A 0
J18 MANIF 0
J21 MANIF 1

MINIFIT JR 2X8
CANBUS TO BULKHEAD
10-4699
10-4356 CANBUS TO PDB J14
MINIFIT JR 2X5
10-4358B C
MINIFIT JR 2X3

X-AXIS STEPPER MOTOR
WEMA 34
11-0851B
TRACK ARM
10-4381
10-4918
UMBILICAL MODULE #5

J2
5 AMP STEPPER DRIVER
J1
J3
C
503C01525B
10-4701C

SHROUDED HEADER
2X10
2X6
2X8
2X7
10-4351

2X13 IDC
26 WAY RIBBON
PINS 24 AND 25 24V DC POWER
10-4710

BREAK-OUT BOARD
10-4727A

10-4729
10-4706

SOLENOID MANIFOLD
1 CASS DOOR OPEN
2 CHARIOT LOCK RETRACT
3 CASSETTE 1 UNLOCK
4 CASSETTE 2 UNLOCK
5 CASSETTE 3 UNLOCK
6 CASSETTE 4 UNLOCK
7 CHARIOT UNLOCK CASS.
8 CHARIOT LOCK EXTEND
9 PLATE SEPARATION AIR

EMERGENCY STOP BUTTON
HOLD FOR SEMI-AUTO
UP
DOWN
JOG PANEL

SLIP SHEET REMOVER GT VERSION C

SOLENOID VALVES
A ROLLER RETRACT
B ROLLER EXTEND
A COMPACTOR RETRACT
B COMPACTOR EXTEND

S.S. BIN ROLLER OPEN
36-3141
10-4756
4A
SSR MOTOR
MOTOR ON SENSE RELAY
15-3359
15-3248
COMPACTOR SENSE RELAY
COVER SWITCH
BIN DOOR SWITCH
ROLLER CLOSED SENSE
BAG SENSOR
36-3210
BIN FULL SENSOR
10-4652

10-5248
10-4877
MODULE #2
SSR UMBILICAL CABLE
10-4917
MODULE #1

SSR RELAYS
15-3359
15-3359
10-4888
10-4889

240 VAC FROM PDB
10-4754
SSR POWER SUPPLY
10-4648
10-4876

10-4704

10-4703
DRIVE FOR 3 RELAYS
MOTOR ON
MOTOR DIRECTION
MOTOR SPEED
RELAY INTERFACE
TO MCU MOTOR AMP.
AND MCU SAFETY CIRCUIT
10-4697B
10-4735A
SEE PDB DRAWING 72-3546A

CHARIOT LIGHTS
10-4702A
IN CHARIOT
10-4734A
IN CHARIOT TRACK

10-4736
10-4378
10-4733A-A
X-AXIS HOME/AWAY SENSORS
10-4918
UMBILICAL MODULE #4
10-4733A-A
TRACK ARM

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
C	CA00433	2003 APR 24	DWAYNE BRANDT	DWAYNE BRANDT
B	E382	2001 DEC 20	P YUEN	P YUEN

C NEW CARRIAGE DRIVE BOARD 503C01525B REPLACES 10-3761
UPDATES TO SSR FOR ECO E450

creo

VLF TS AUTOLOADER
MCU BLOCK DIAG

D:\ProductionEE\TSV-VAL\NewCarriageAmp\Schematics\72-3542A-C-SD01.DDB - Documents\Pg1of1.SC

DESIGNED BY:	DOCUMENT NUMBER:	LAST ECO:
WILL C	72-3542A-C-SD01	SEE REV BLOCK
DRAWN BY:	LAST REVISED BY:	APPROVED BY:
WILL C	SEE REV BLOCK	SEE REV BLOCK
DESIGN DATE:	LAST MODIFIED DATE:	SHEET:
24/03/99	SEE REV BLOCK	1 of 1