

DOOR MANUAL: INST-103-05 PART 2 of 2
RH GLIDER ENTRANCE ELECTRIC DOOR SYSTEM
for TREKA-16/24 DDA

- SPARE PARTS IMAGES
- PRE-ASSY & CABLE LOOMS
- SHELFPLATE ASSEMBLY DATA
- ENTRANCE DOOR ASSEMBLY DATA
- TYPICAL TOOL REQUIREMENTS & STD TORQUE SETTINGS
- TDS SERVICE ENGINEER REQUEST SHEET



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SPARE PARTS IMAGE SHEET for TREKA ELECT & MAN'L DRIVE UNITS

Full production assembly fittings/fixings available on request for spare parts



HRL025-YEL1021 RH HANDRAIL.	EWL212-03 NC. REED SWITCH ASSY.	LCK100A SPARE KEY.	BRG022B SPH FLANGE BRG.	HDL007T-J2 LOCK HANDLE KIT.	HDL001A PULL HANDLE.	GDE001 GUIDE SHOE.
HDL003T-002 EMERGENCY HANDLE KIT-ASSY	HDL003T-003 EMERGENCY HANDLE +CABLE.	LCK302-2000 INNER CABLE 1.5x2mtrs	HDL003A EMERGENCY HANDLE.	BUT010-ASY INT'L EMERGENCY OPEN	BUT012-ASY INTERNAL CLOSE BUTTON	BUT046-ASY EXTERNAL OPEN BUTTON
L500-05-ASSY-01 UPPER BEARING ASSY.	L500-09-ASSY-01 LOWER BEARING ASSY.	ASY006B BOTTOM BEARING ASSY	ASY003B UPPER GUIDE SPINDLE LONG	ASY017T LOWER GUIDE SPINDLE LONG	BRK002-01 DOORGUIDE BRACKET	ROD001A LOCK ROD 236x4
BSA3807-740-01 HORZ BRUSH ASSY	BRK001 BOTT STEADY GUIDE BRACKET	BRG007B M12x1.25 SPH FEMALE ROD END	L500-51-192 DOOR ARM SLIDE RAILS x 192mm	LCK103A SLIDING SUPPORT & LOCK PIN	CRK002-ASSY-01 R66 CRANK ARM FOR ELECT-DRIVE	CRK030-ASSY-01 R87 CRANK ARM FOR MANUAL-DRIVE
ATF2-244-25 RH LEADING FLAP ASSY	ATF1-380-25 RH TRAILING FLAP ASSY	SAB030ASSY RH ABS SABOT ASSY 640x98 BLK	Electric drive slide clutch assy REF ONLY	ASY200T-01 SLIDE CLUTCH ARM ASSY	PP004-CH SLIDE CLUTCH PIN	ASY200T-02 SLIDE CLUTCH ASSY SPARES KIT
SPG003A CLUTCH SPRING PURPLE	STP011 RUBBER END STOP, EDGE TRIM	ELE099 SLIDE CLUTCH MICROSWITCH	GER601 PULLEY BELT 177-3M-09	BRG021B Ø14 SPH FLANGE BEARING	CIR001A CIRCLIP ST/ST	SCR31460-A2 M14x2.0 SOC HD BOLT
RUB004A REAR EDGING RUBBER	RUB011A PORTAL RUBBER SEAL	RUB006A DOOR NOSING RUBBER	GER301 SMALL MOTOR PULLEY	GER302 LARGE BODY PULLEY	LCK004B LOCK KEEP	ELE171T-02 12V E-DRIVE MOTOR PRE-ASSY KIT Was ELE031T-01
PP004-NY=NYLON CLUTCH PIN. USED ONLY FOR CYL050-M-02 MANUAL DRIVE UNITS=INST-014-15	CYL050U-12-02 12V EDTS E-DRIVE UNIT ASSY REPLACEMENT UNIT	SHFT003-04 RH DOOR SHAFT INST-006-02	GLS033 635x1792 GLASS FOR MANUAL DOOR 640x1918 OUTSIDE DIM'NS	GLS009 635x1792 GLASS FOR POWERED DOOR 640x1918 OUTSIDE DIM'NS		

DOC: INST103-22

DATE: 06-08-2026

ISSUE:2

SHELFPLATE ASSEMBLY DATA



"E" Drive Unit Assy

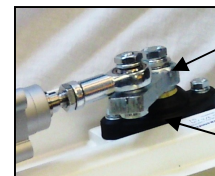
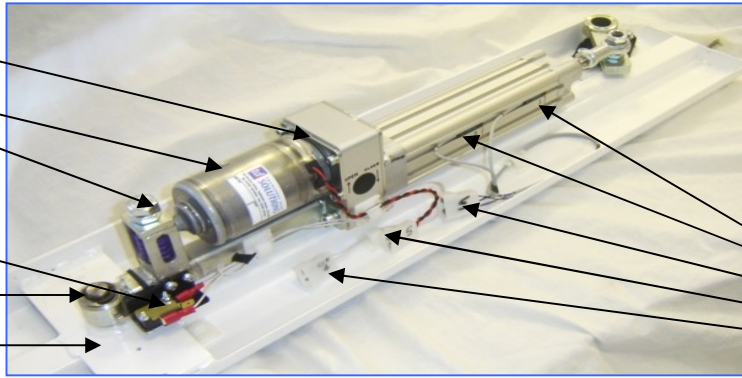
Drive Motor

Slide clutch

Slide Clutch detection micro-switch

Circlip & Wavey washer

Steel welded shelfplate



Crank Arm.
Rad=66mm

Door shaft
Top Bearing

No.1 = Door Open reed switch

No.2 = Door Close reed switch

CON.6 =4-way tab connector. Reed switches

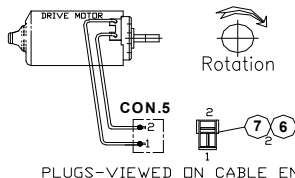
CON.5 =2-way tab connector. Motor

CON.4 =2-way tab connector. Clutch switch

Part No/Code	Description	
CYL050-12-02	12V "E" DRIVE 100STR UNIT ASSY =CLUTCH, R/SWS, M/SW	
CYL050-24-02	24V "E" DRIVE 100STR UNIT ASSY = CLUTCH, R/SWS, M/SW	
ELE031T-01	12V DRIVE MOTOR ASSY	INST-014-08
ELE025T-01	24V DRIVE MOTOR ASSY	INST-014-09
ASY201T	SLIDE CLUTCH STD (PURPLE) 100mm STR	INST-014-06

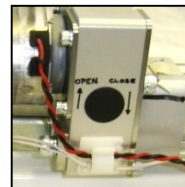
ELE171T-02= 12v DRIVE MOTOR PRE-ASSY & CABLE LOOM (was ELE031T-01)

ELE025T-01= 24v DRIVE MOTOR PRE-ASSY & CABLE LOOM



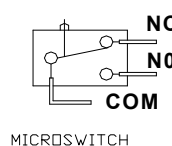
No.2=Black Cable
No.1=Red Cable

PLUGS-VIEWED ON CABLE ENTRY-

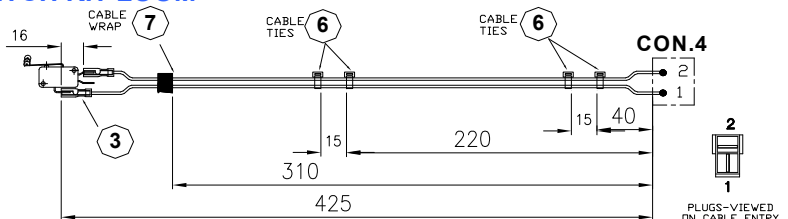


Manually operation of Drive Unit.
Only when Plug.5 is disconnected.
See instruction label on side of motor

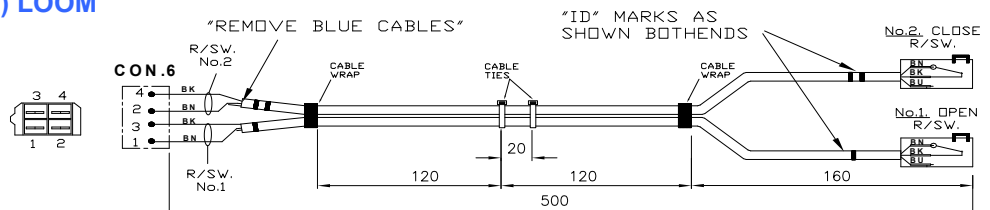
EWL212-01= SLIDE CLUTCH DETECTION SWITCH KIT LOOM



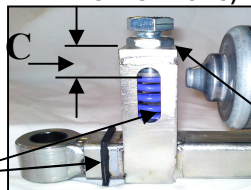
MICROSWITCH



EWL212-03= REED SWITCH (NC.) LOOM



ASY201T-01= 100str SLIDE CLUTCH (PURPLE SPRING) ASSY
(INST-014-06-A1= SLIDE CLUTCH ASSEMBLE INSTRUCTIONS)



SLIDE CLUTCH.

Pre-set at factory. Release locking nut, compress or release to suit operation, over-ride or door retaining force of 150N

NOTE: # = Clutch is in the fully engaged position.

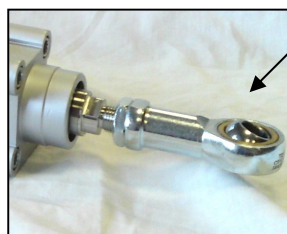
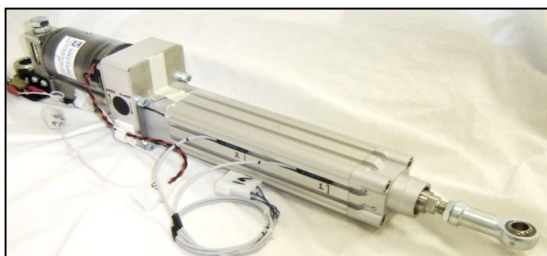
"C" Electric drive =15mm +1.5 -0.0

"C" Manual drive= 11mm +/- 1.0

M12 lock nut

CYL050-12-02= 12V "E" DRIVE 100str UNIT ASSY +CLUTCH,R/SWS & M/SW

CYL050-24-02= 12V "E" DRIVE 100str UNIT ASSY +CLUTCH,R/SWS & M/SW

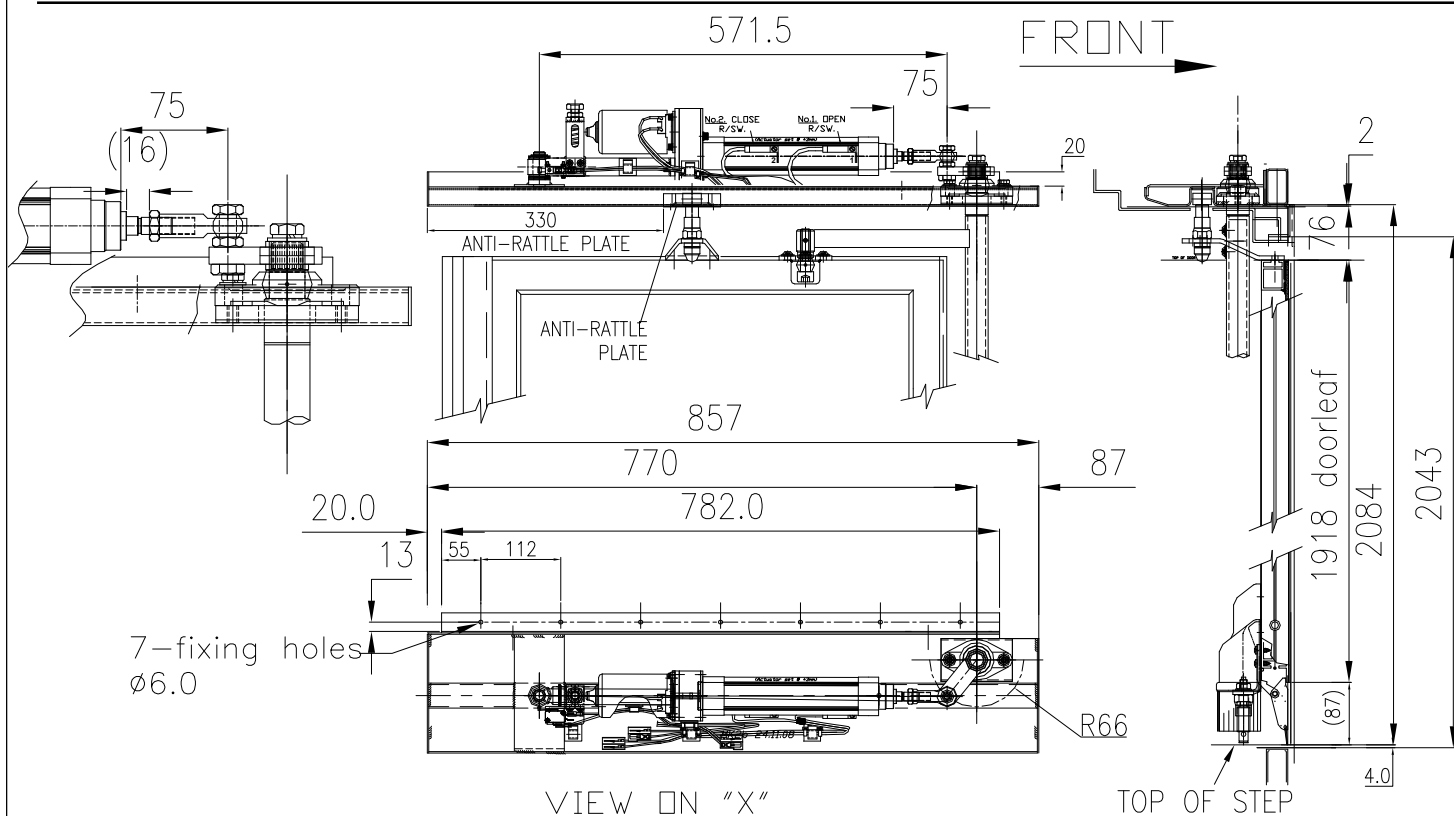
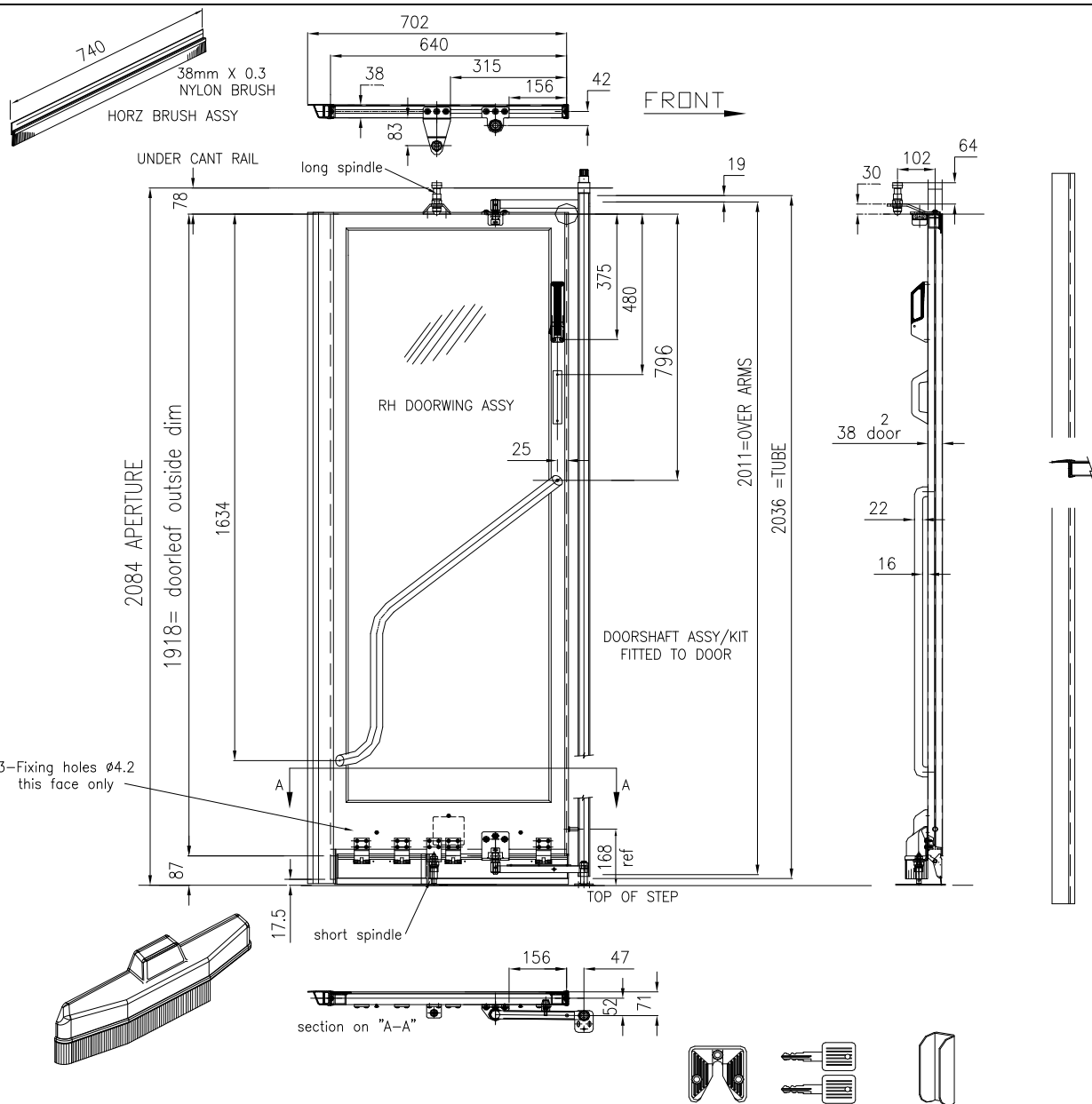


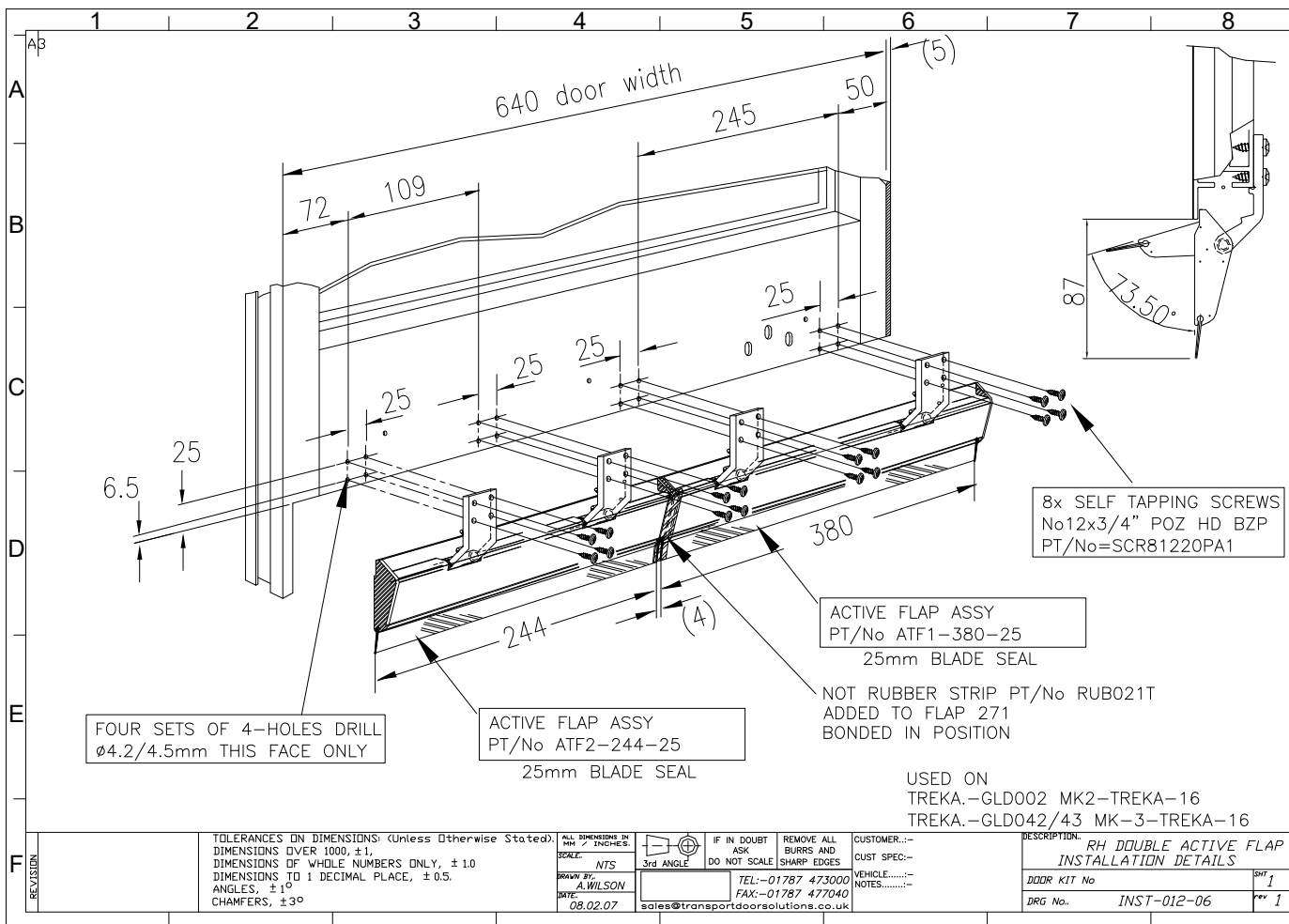
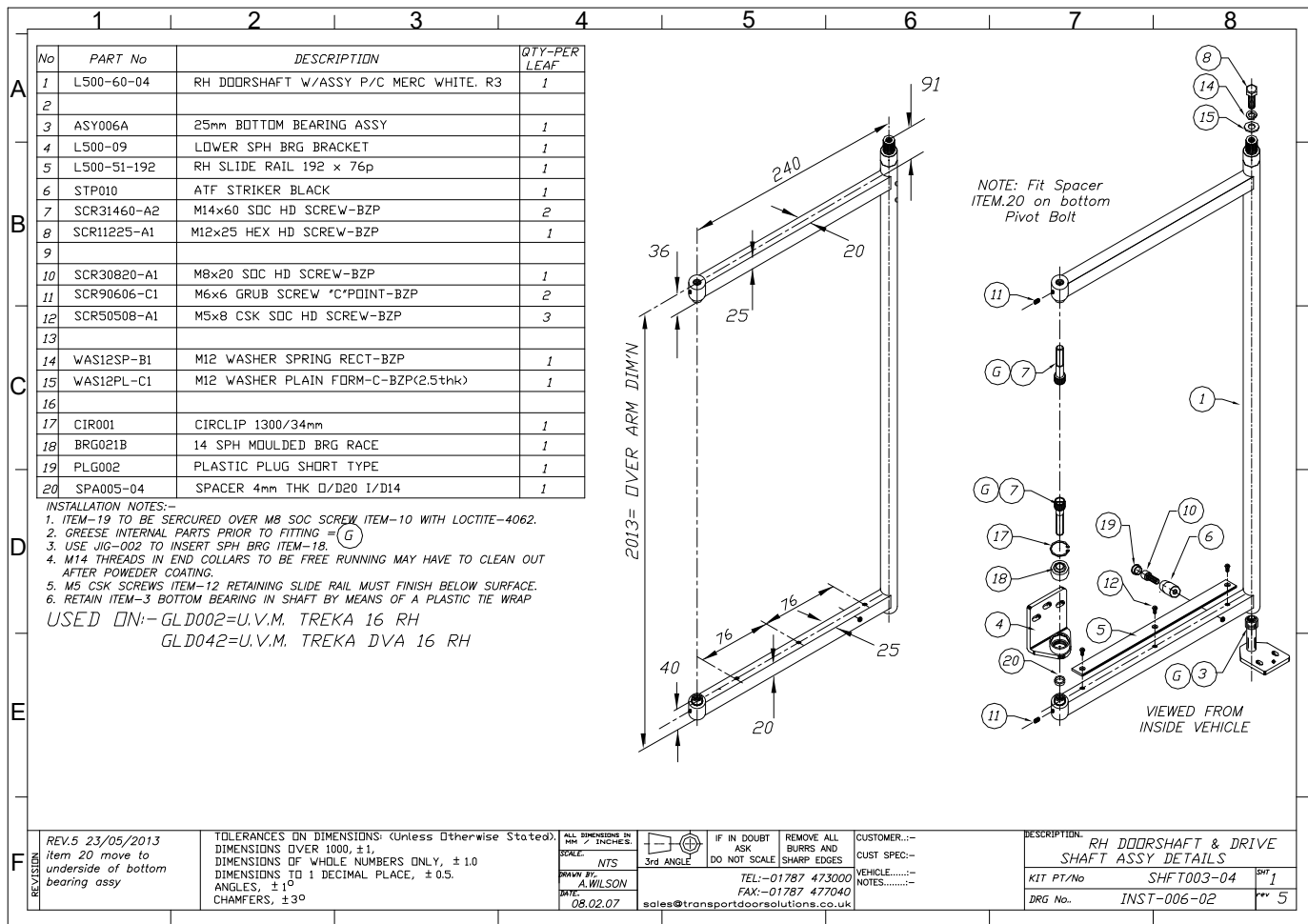
M12 x 1.25 ROD END

For adjustment lift off rod end from crank arm spindle with door in open position.

Release lock nut, then rotate rod end to suit.

DO NOT ROTATE "E" DRIVE PISTON





TYPICAL TOOL REQUIREMENTS & STANDARD TORQUE SETTINGS



SPANNERS	ALLEN KEYS
Open & Closed Ended	Hex & Ball Nose Ends
24, 23, 22, 19, 17, 16, 13, 12, 10, 8, 7, 4, mm A/F	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 12. mm A/F
Adjustable Spanner	Tee Bar Type
Up To 25mm Opening S-M-L	3.0, 4.0, 5.0, 6.0, 8.0.
Sockets	



"SCREW DRIVERS BITS"	MISCELLANEOUS
4mm Flat Blade Screwdrivers (S-M-L)	Internal & External Circlip Pliers
No.PZ2 Pozzi-Drive Screwdriver	Pliers flat & tapered ends
No.PZ2 Pozzi-Drive Bit	Stanley Knife
No.PZ3 Pozzi-Drive Bit	Scissors
	Hammer small Combination type



NUT TIGHTENING TORQUE	
M6	7 Nm
M8	17 Nm
M10	36 Nm
M12	55 Nm
M14	80 Nm
M16	120 Nm

BOLT / SCREW TIGHTENING TORQUE	
M6	12 Nm
M8	25 Nm
M10	52 Nm
M12	94 Nm
M16	90 Nm
M20	150 Nm

TDS Service Engineer Request Sheet



Report Number : **SER** Allocated by TDS

Operator:	_____	Date:	_____
Location:	_____	Contact Name:	_____
	_____	Tel. No:	_____
Vehicle Type:	_____	Fleet/Body No:	_____
Reg No:	_____	Mileage:	_____
Warranty/ Chargeable?	_____	Customer Order No/Warranty Ref:	_____

OFFICE USE ONLY

Nature Of Problem:

Cause:

Corrective Action Taken:

Parts Used:

	Site time:		Hrs:		TDS Stock Issued	Yes/no
	Travel time:		Hrs:		Service Agent Stock Issued	Yes/no
	Total time:		Hrs:		Other	Yes/no

Customer Sign Off:	_____	Date:	_____	Time:	_____
Printed Name:	_____				
Service Engineer:	_____				
Service Agent:	_____				

NOTE IF PARTS NOT FOUND NOT TO BE DEFECTIVE AFTER INVESTIGATION, WE RESERVE THE RIGHT TO RECOVER MATERIAL AND LABOUR COSTS