



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AB19150-1	M8 PIN END WASHER	4
2	BP-650-GR-01-001	SWARM MOUNT PLATE	1
3	BP-650-GR-01-002	SWARM PINTO HITCH	1
4	BP-650-GR-01-003	SWARM HITCH TOW BALL PLATE	1
5	BP-650-GR-01-004	SWARM HITCH PIN	2
6	BP-650-GR-01-005	SWARM HITCH GREASE PLATE	1
7	HP-024C-2	BALL & HITCH ASSEMBLY HP-024C	1
8	HP-236CL-1A	RUBBER SPRING A560-65	1
9	HP-236CL-1A-1	BUSH 32 X 13.5 X 22.5	1
10	HTB001-100	HITCH TRANSPORT TOW BAR BRACKET	1
11	HTB002-100L	TRANSPORT HITCH BRACKET SUPPORT ARM LH	1
12	HTB002-100R	TRANSPORT HITCH BRACKET SUPPORT ARM RH	1
13	HTB003-100	HITCH EXTENDER	1
14	M20X60	M20 X 60 SET SCREW HT ZP	6
15	M20FWASHER	M20 FLAT WASHER ZP	13
16	M20NNUT	M20 NYLOC NUT HT ZP	6
17	M16X180BOLT	M16 X 110 BOLT HT ZP	3
18	M16X60	M16 X 60 HEX HEAD SET SCREW HT ZP	4
19	M16FWASHER	M16 FLAT WASHER ZP	14
20	M16NNUT	M16 NYLOC NUT HT ZP	7
21	M12X60BOLT	M12 X 60 BOLT HT ZP	1
22	M12FWASHER	M12 FLAT WASHER ZP	2
23	M12NNUT	M12 NYLOC NUT HT ZP	1
24	M8 CSCS	M8 COUNTERSUNK HEAD CAP SCREW	4
25	M6GNIPPLE	M6 GREASE NIPPLE	2

BP-650-GR-01 PARTS ILLUSTRATION
 THIS DRAWING IS FOR ILLUSTRATION PURPOSE ONLY
 PLEASE REFER TO THE PARTS LIST.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: ± 0.2 TOLERANCES: LINEAR: ± 0.5 ANGULAR: ± 0.5		FINISH: N/A	DEBUR AND BREAK SHARP EDGES 	DO NOT SCALE DRAWING	REVISION	A
DRAWN RPJ CHK'D RPJ APP'VD MFG Q.A. APPROVED			SIGNATURE DATE 18/02/2026	TITLE: CROPLANDS A NUFARM LIMITED COMPANY 3000LT ROBOT READY PINTO GOOSENECK HITCH AND TRANSPORT ASSEMBLY		
MATERIAL: N/A			DWG NO. BP-650-GR-01		A3	
WEIGHT (Kg): 27.82			SCALE: 1:15		SHEET 1 OF 1	