

- 2. The Razor Drive in conjunction with landing legs can create high forces. Ensure the supplied caution labels are fitted to each leg to avoid possible injury from high force created.
- 3. This Razor Drive unit MUST NOT be installed on a trailer used for transporting flammable goods without approval from the relevant authority.

connect to the Drive unit.

(Note:Battery is maintenance free sealed 12V20Ah lead acid.)

## **SERVICE**

- Check cable plugs (at trailer service intervals) to ensure they are clean and dry inside. Faults can arise from bad electrical connections. If moisture is detected within the connector plugs or on the battery terminals, apply a suitable conductive moisture inhibitor.
- The operation may rely on use of both gears in the leg and this is achieved by sliding the Razor in and out on torque arm. If it is hard to slide along the torque arm. Ensure there is no build up dirt causing a binding effect, clean as required. (may require drive to be removed and refitted)
- All parts of the RAZOR are replaceable if damaged. To replace a
  controller, undo the 2 off M4 bolts and remove controller by gently
  tapping on the back of controller as per below image(Detailed
  procedures refer separate Tech bulletin 7). Any authorized
  service centre can provide this service if required.



 Batteries have a limited life (typically 5 years). A well maintained battery will achieve the best life. Keeping the battery as fully charged as possible at all times is critical. Long idle periods for the trailer (several months) could result in reduced battery life if the RAZOR is left connected.



## **WARRANTY**



## WHAT'S COVERED

Razor International Pty Ltd (Razor) warrants to the original retail purchaser that all of its products sold as new and installed in accordance with Razor's fitting instructions, will be free from defects in material or workmanship under normal use and service for a period of 12 months from the date of purchase ("the warranty period").

## WHAT'S NOT

This warranty excludes damage from accidents, objects striking RAZOR, misuse of RAZOR, alterations to RAZOR, air-borne fallout, (such as loads carried on the trailer or thrown up from the road and road wheels), windstorm, lightning, hailstorm and improper maintenance.

## OTHER TERMS

To the greatest extent permitted by law any warranty or guarantee either expressed or implied which varies in any way from this written warranty is excluded.

Notwithstanding the provision of the warranty Razor and its authorised associates will not be responsible for any consequential loss or damage whatsoever and no such claims will be accepted.

Warranty repairs will be covered for a period of 90 days or until the end of the original warranty period, whichever is the longer.

## WARRANTY ADJUSTMENTS

Razor or an authorised associate can only honour this warranty.

All warranty claims are to be submitted to Razor. Razor will investigate warranty claims and where possible respond to the customer within 7 days. Subject to Razor review and approval, all RAZOR parts or units found to be defective and within the warranty period, will be repaired or replaced with an unit, as appropriate, at the sole discretion of Razor.

This warranty gives you specific legal rights. You may also have other rights, which may vary from territory to territory.

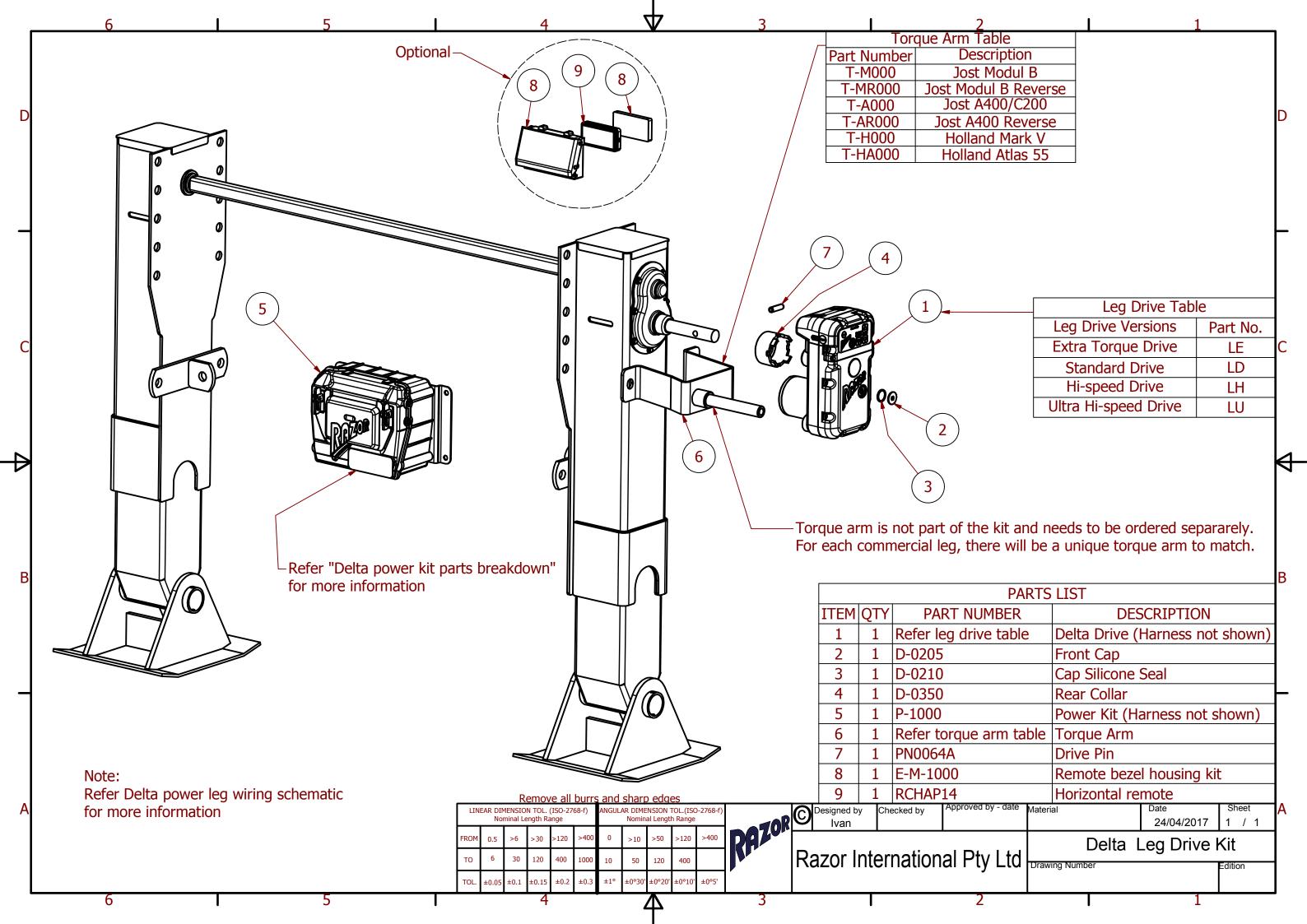
## Appendix - Trailer Wiring



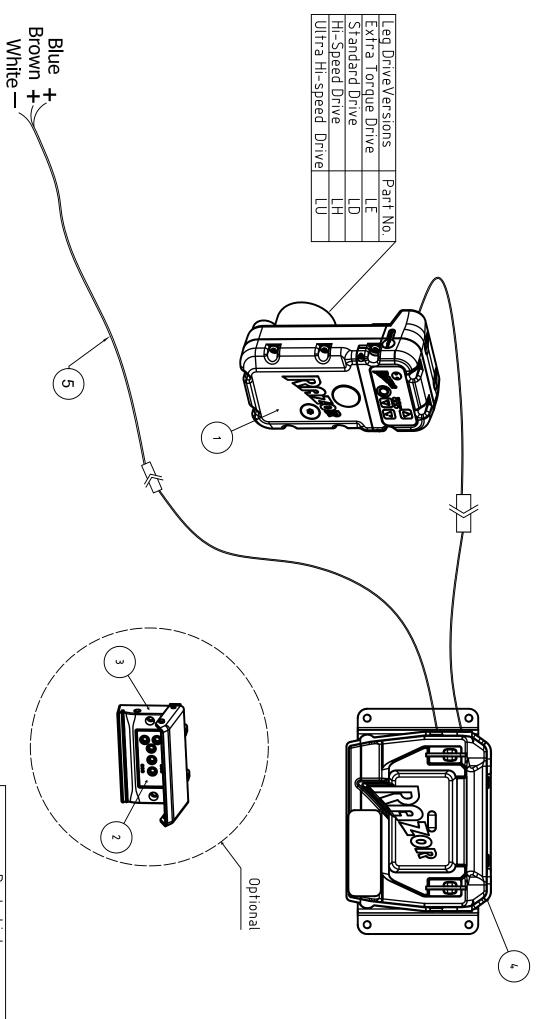
7 Pole Socket (view from Rear)

A.S. Pin	SAE Pin	Connect to	Colour
1	5	Left Flasher	Yellow
2	6	Reversing	Black
3	1	Earth	White
4	3	Right Flasher	Green
5	7	Service Brakes (Auxiliary)	Blue
6	4	Stop	Red
7	2	Tail, Licence & Clearance	Brown

A.S. pin refers to the configuration in accordance with Australian Standard 2513-1982 and ADR 42/02. The SAE pin is where a SAE (American Standard) connector is used. Typically this is evidenced by the larger pin in the "1" position.



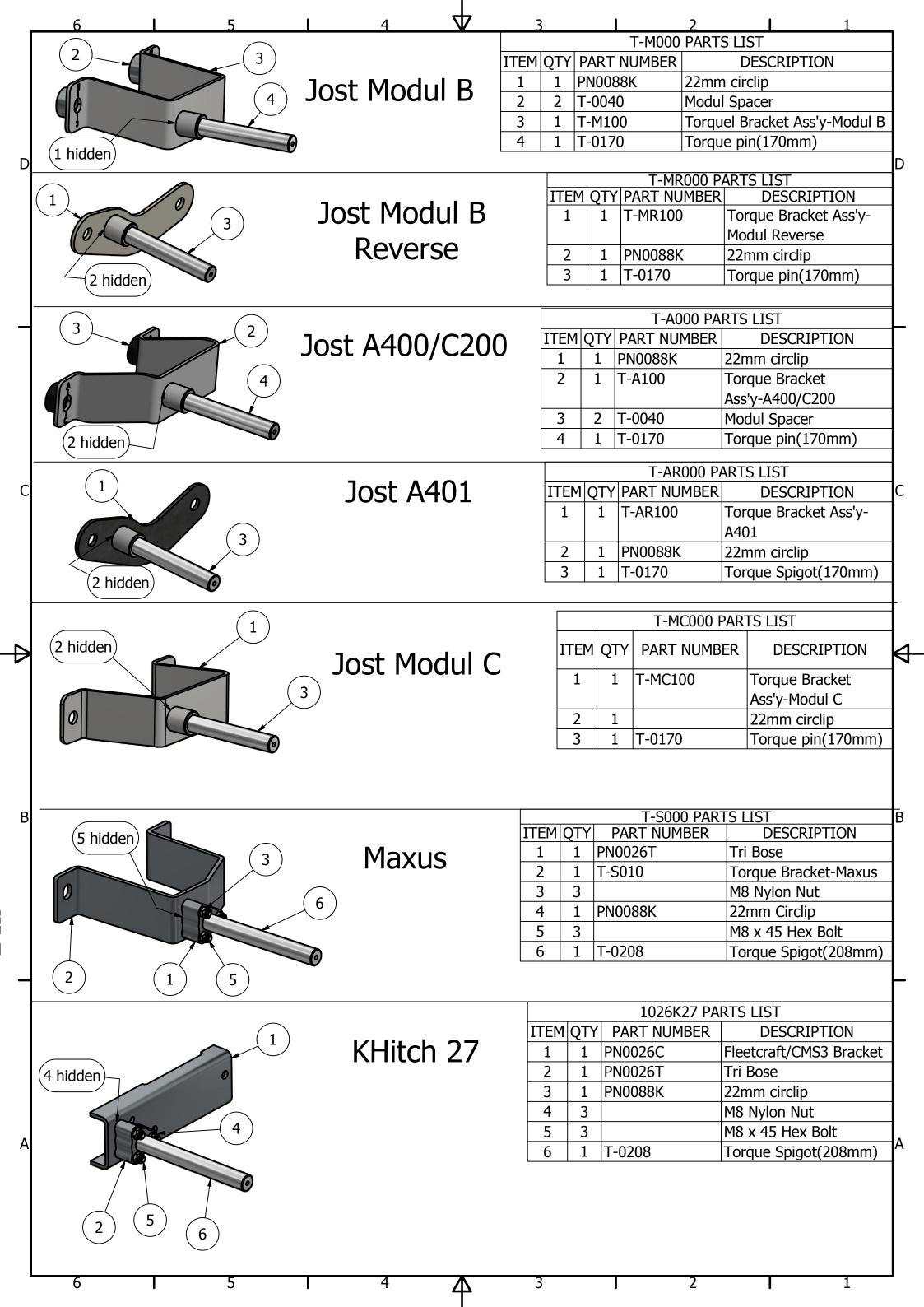
# DELTA POWER LEG SYSTEM

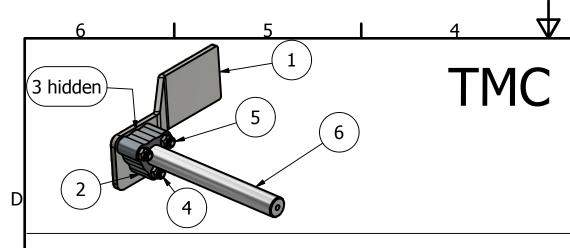


Connect to Trailer Power Supply (Refer Note)

Note: Power is required (9 to 30VDC) to maintain Razor battery. Connect matching wire colours between Razor and Trailer Harness. i.e. Blue to Blue(auxillary), Brown to Brown(clearance) and White to White(negative)

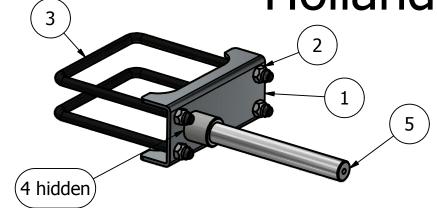
5	4	3	2	1	ltem	
Charge Harness	Power Kit	Bezel Housing Kit	Horizontal Remote	Delta Leg Drive	Description	Parts List
PN0005E	P-1000	E-M-1000	RCHAP14	Refer tabl	Part No.	



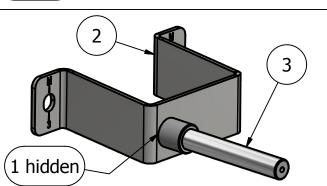


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1026T PARTS LIST				ST .
ITEM	QTY	PART NUMBER		DESCRIPTION
1	1	PN0026TMC	TMC	Top Hat
2	1	PN0026T	Tri Bo	ose
3	1	PN0088K	22cm	Circlip
4	3		M8 x	45 Hex Bolts
5	3		M8 N	ylon Nut
6	1	T-0208	Torqu	ie Spigot(208mm)

# Holland Mark V

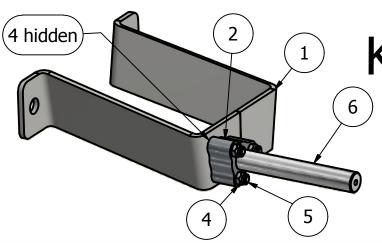


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	T-H000 PARTS LIST			
	ITEM	QTY	PART NUMBER	DESCRIPTION
	1	1	T-H100	Torque Bracket
				Ass'y-Holland Mark V
	2	4		M10 Nylon Nut
	3	2	T-HU	Holland U Bolt
	4	1	PN0088K	22mm circlip
	5	1	T-0220	Torque Spigot(220mm)



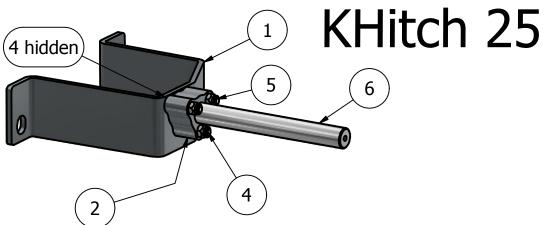
# Fuwa 37

T-F000 PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PN0088K	22mm circlip
2	1	T-M100	Torque Bracket Ass'y-Modul
3	1	T-0170	Torque pin (170mm)

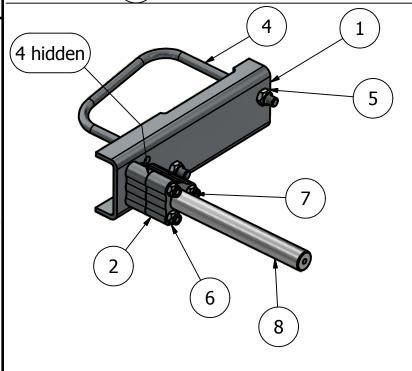


# KHitch 22

1026K22 PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PN0026K22	KHitch22 Top Hat
2	1	PN0026T	Tri Bose
3	1	PN0088K	22mm circlip
4	3		M8 Nylock Nut
5	3		M8 x 45 Hex Bolt
6	1	T-0170	Torque pin(170mm)

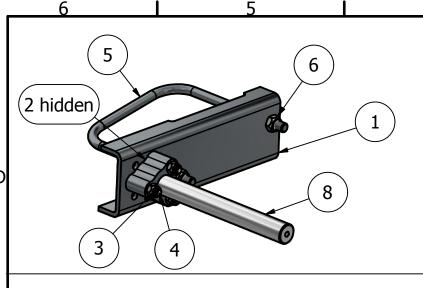


1026K25 PARTS LIST			RTS LIST
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PN0026K25	KHitch25 Top Hat
2	1	PN0026T	Tri Bose
3	1	PN0088K	22mm circlip
4	3		M8 Nylock Nut
5	3		M8 x 45 Hex Bolt
6	1	T-0208	Torque pin(208mm)



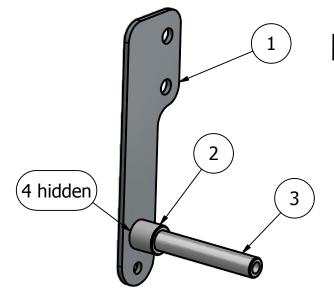
# CSM3

	1026V PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION		
1	1	PN0026C	Fleetcraft/CMS3 Bracket		
2	2	PN0026T	Tri Bose		
3	1	PN0088K	22mm circlip		
4	1	PN0026HU	Holland U Bolt		
5	2		M10 Nylon Nut		
6	3		M8 Nylon Nut		
7	3		M8 x 70 Hex Bolt		
8	1	T-0208	Torque pin(208mm)		



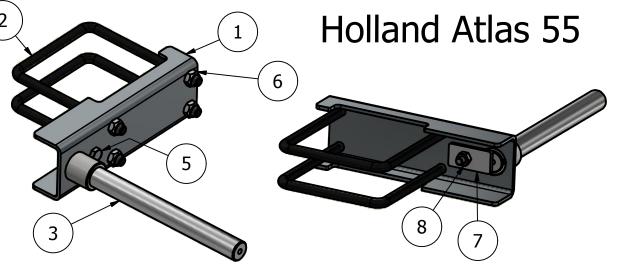
## Fleetcraft

		1026FC P	arts List
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PN0026C	Fleetcraft/CMS3 Bracket
2	1	PN0088K	22mm circlip
3	3		M8 Nylon Nuts
4	3		M8 x 45 Hex Bolts
5	1	PN0026HU	Holland U Bolt
6	2		M10 Nylon Nuts
7	1	PN0026T	Tri Bose
8	1	T-0208	Torque pin(208mm)

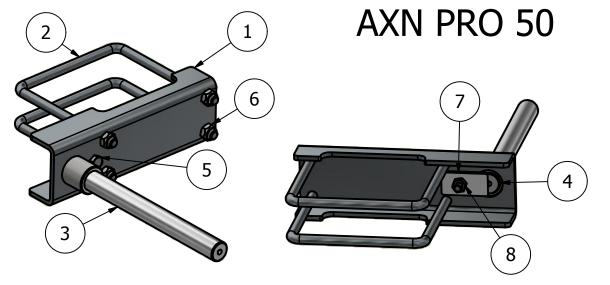


# Holland Mark V Reverse

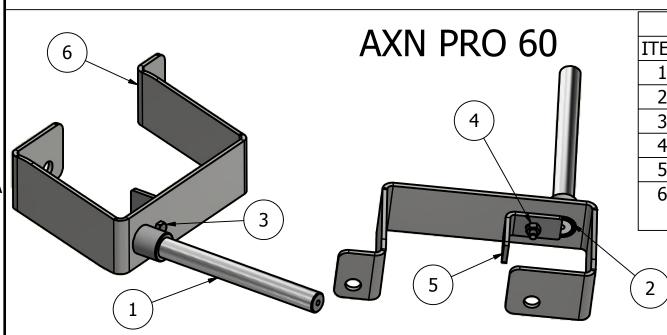
1026HR Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PN0026HR	Holland Reverse Bracket
2	1	PN0026Q	Torque Weld Bush
3	1	PN0026SJ	Torque Spigot(165mm)
4	1	PN0088K	22mm circlip



T-HA000 PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	T-HA100	Torque Bracket	
			Ass'y-Holland Atlas 55	
2	2	T-HAU	Holland Atlas U Bolt	
3	1	T-0237	Toruqe pin(237mm)	
4	1	PN0088K	22mm circlip	
5	1		M8 x 25 hex bolt	
6	4		M10 Nylon Nuts	
7	1	T-HA015	Locking plate	
8	1		M8 Nylon Nut	



		T-N5000 PAR	TS LIST	
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	T-N5100	Torque Bracket	le
			Ass'y-AXN Pro 50	ľ
2	2	T-AU	Holland U Bolt	
3	1	T-0237	Torque pin(237mm)	
4	1	PN0088K	22mm circlip	
5	1		M8 x 25 hex bolt	
6	4		M10 nylon nut	
7	1	T-HA015	Locking plate	
8	1		M8 nylon nut	



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T-N6000 PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	T-0237	Torque pin(237mm)
2	1	PN0088K	22mm circlip
3	1		M8 x 25 hex bolt
4	1		M8 nylon nut
5	1	T-N6015	AXN pro 60 L bracket
6	1	T-N6100	Torque Bracket
			Ass'v-AXN PRO 60