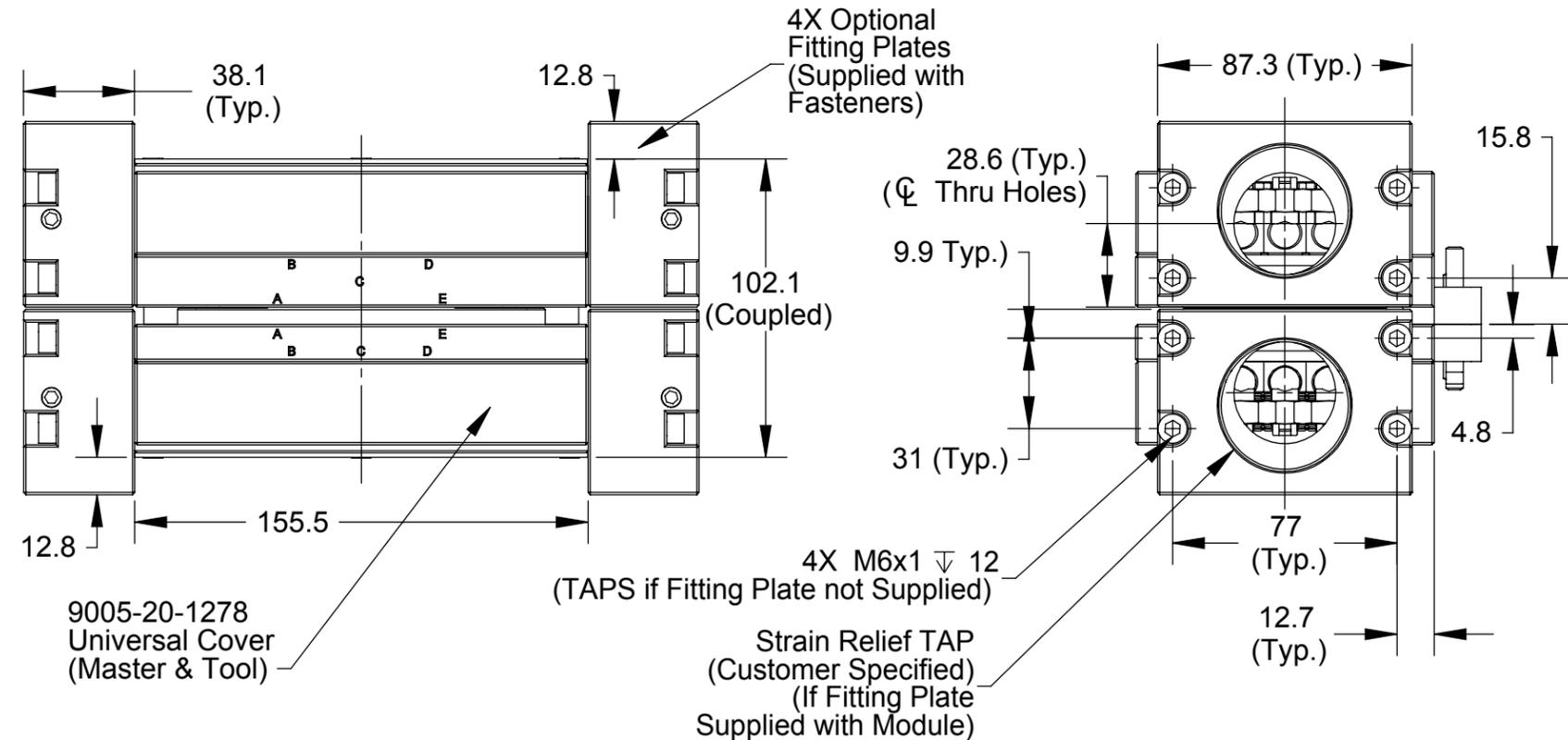
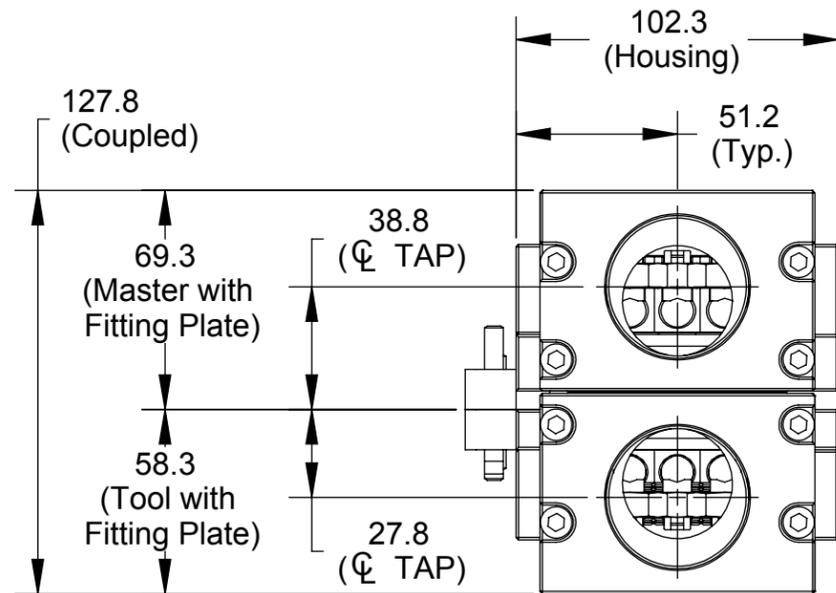
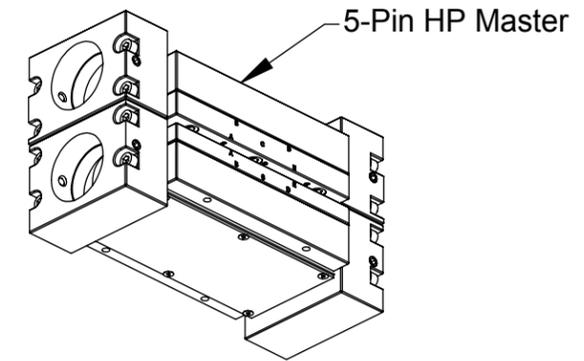
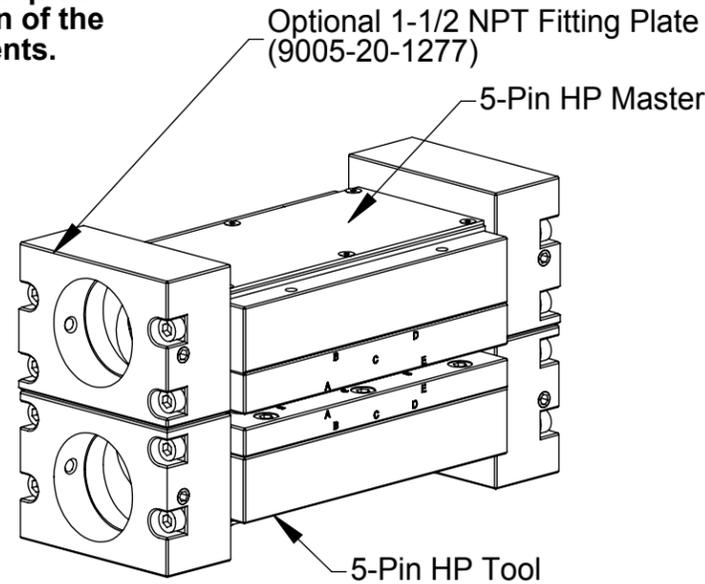
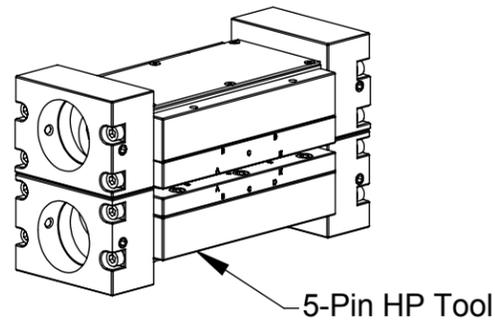




"DANGER!" - Electrical Shock Hazard

This module has a Voltage of 50V or greater, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components.

Rev.	Description	Initiator	Date
09	ECO 15317; Corrected Item 1 in 9005-20-2255 Master Kit BOM to M3 x 12mm (was M3 x 8mm)	SZJ	3/2/2017



Caution: The use of stiff heavy stranded cables can cause improper operation of the module by preventing compliant motion of its contacts. ATI requires the customer supplied cables to be of the high-flex type with fine stranding to allow contact motion.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION

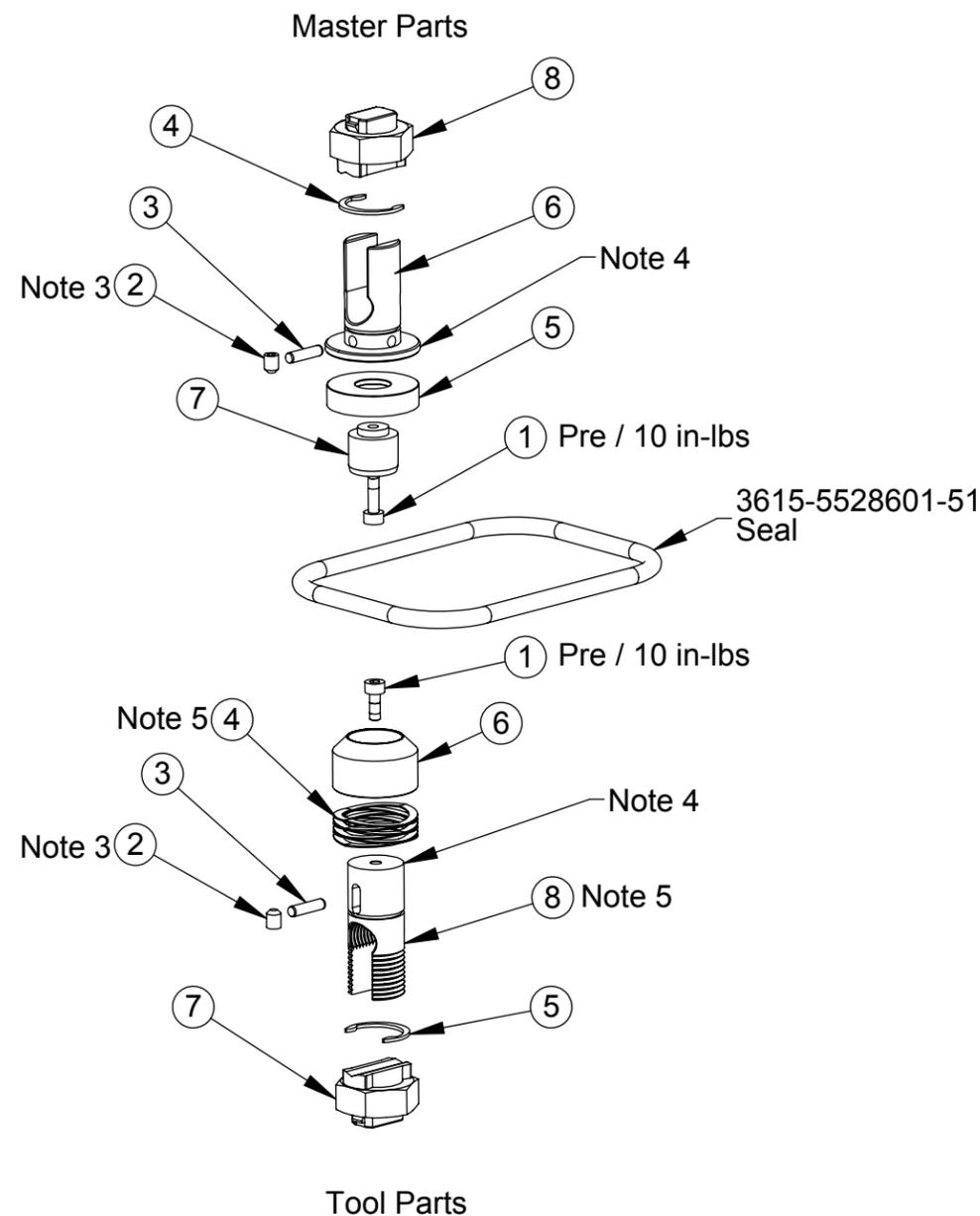


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DRAWN BY: D.Lawson, 5/30/05		TITLE	
CHECKED BY: J.Snape, 6/1/05		PC2 5-PIN HP Module, Service Parts	
PROJECT #	050506-2	SHEET	1 OF 2
SCALE	7:16	SIZE	B
DRAWING NUMBER	9630-20-PC2	REVISION	09

Rev.	Description	Initiator	Date
-	See Sheet1	-	-



9121-PC2-M Serviceable Parts:

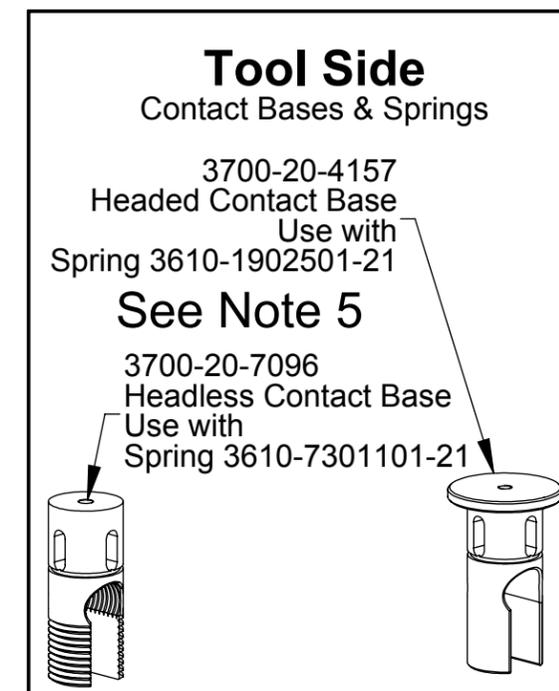
Field Service Kit **9005-20-2255** contains one each of items 1 through 8.

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
1	1	3500-1058012-15A	M3-0.5 x 12mm SHCS, Blue, Pre-Applied
2	1	3500-1962005-11	Set Screw M4 x 5 Cup Point
3	1	3540-0103012-21	3mm x 12mm Dowel, SS (DIN 2338)
4	1	3690-6500004-11	Low-Clearance C-Style Ring for 5/8" Shaft Dia.
5	1	3700-20-1544	High Power Module Contact Tip No-Touch Master
6	1	3700-20-4152	CONTACT BASE, MASTER
7	1	3700-20-4153	INSULATOR POST, MASTER
8	1	3700-20-4162	SPLIT-BOLT CABLE CLAMP

9121-PC2-T Serviceable Parts:

Field Service Kit **9005-20-2253** contains one each of items 1 through 8.

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
1	1	3500-1058008-15A	M3 x 8mm SHCS MB, ND Microspheres
2	1	3500-1962005-11	Set Screw M4 x 5 Cup Point
3	1	3540-0103012-21	3mm x 12mm Dowel, SS (DIN 2338)
4	1	3610-7301101-21	Wave Spring, .91"OD x .44 Lg-Smalley 14892-08
5	1	3690-6500004-11	Low-Clearance C-Style Ring for 5/8" Shaft Dia.
6	1	3700-20-4158	CONTACT TIP, TOOL
7	1	3700-20-4162	SPLIT-BOLT CABLE CLAMP
8	1	3700-20-7096	Narrow #2 Contact Base, Tool

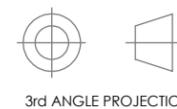


Notes:

- All Contacts sized for up to #2 AWG cable and pass straight thru (A to A, B to B...) center contact raised for first-make/last-break ground.
- Customer is advised to use both EMT lock nuts and the set screws in the Fitting Plates.
- Apply Loctite 7649 Primer & Loctite 222. Then install flush with surface to .010" below.
- Apply conductive silver grease to the flat surface.
- Two types of tool-side contact bases and springs have been used. When ordering "Contactkit" as referenced above, the headless contact base will be supplied. If only the spring is required, identify the contact base type using the images at the right and order the appropriate spring.

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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DRAWN BY: D.Lawson, 5/30/05		TITLE	
CHECKED BY: J.Snape, 6/1/05		PC2 5-PIN HP Module, Service Parts	
PROJECT #	050506-2	SHEET	OF 2
SCALE	1:5	SIZE	B
DRAWING NUMBER		REVISION	
9630-20-PC2		09	