

Task	Required Parts	Parts Status	Comments	Date		Contact
<b>Front Endplate</b>						
a	Dismount forward covers, spars, and bulkhead			19-Aug	ok	FW, D.Maas
b	Drill cable mount holes in spars	Spars, drawing with hole sizes and locations	ok	Now to 8/19	ok	FW, D.Maas
c	Drill cable mount holes in inner bulkhead	Bulkhead ring, drawing with hole sizes and locations	ok	19-Aug	ok	FW, D.Maas
d	Install pressure line plumbing	Pressure line couplings	ok	19-Aug		FW, D.Maas
e	Install inner bulkhead ring	1 bulkhead o-ring	ok	19-Aug	ok	FW, D.Maas
f	Install G10 cover for capacitec sensors and dress connectors	1 G10 adapter piece				FW, D.Maas
g	Install spars with cable fasteners	Cable fasteners	ok	Now to 8/19		FW, D.Maas
h	Dress temperature sensors	4 temperature sensors	ok	19-Aug		DJN
i	Install and dress additional temperature sensors	2 temperature sensors	ok	19-Aug		DJN
j	Install and dress water sensor	1 or 2 water sensor(s)		19-Aug		DJN
k	Install radfets	2 radfets	ok	19-Aug		DJN
l	Inspect sense pin coverings	Additional pin covers	ok	19-Aug		DPC
m	Install cover o-rings	8 cover o-rings	ok	19-Aug		FW, D.Maas
n	Install final cover panels	Panels and installed CO2 couplings	ok	19-Aug		FW, D.Maas
o	Install CO2 supply manifold	Front CO2 supply manifold	ok	19-Aug		FW, D.Maas
p	Install front temporary or final return manifold	Tygon tubing or final manifold		19-Aug		R.Owen

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q	Drill holes in OCX for mounts	Drawing and fixtures for drilling 8x4 holes		Develop proposal for technique and any tooling	19-Aug		MP, D.Maas
r	Label all connectors	Forward end drawings	ok	Produce label drawing			MP, JM
s	Replace aluminum cover screws	Custom plastic thumb screws	31-Aug				FW, D.Maas
t	Install HV warning stickers on cover panels	HV stickers					DJN
u	Shorten inner bulkhead screws				20-Aug		D.Maas
<b>Rear Endplate</b>							
a	Install rf shield to inner surface of IC-to-ICX joint	Aluminum tape and conducting epoxy			13-Aug	ok	MK, R.Owen
b	Dress temperature sensors			Missing one sensor; verify operation	Done		DJN
c	Install and dress additional temperature sensors	4 temperature sensors	ok	Need to locate parts, confirm readout channel availability, verify operation			DJN
d	Remove temporary temperature thermocouples				Done	ok	PB
e	Install humidity sensors	1 dual humidity sensor		Verify operation			DJN
f	Install radfets	4 radfets	ok	Verify operation			DJN
g	Dress Q1 HV connection				Done	ok	DJN
h	Dress Q4 HV connection				Done	ok	DJN
i	Dress CANbus cables				13-Aug		DJN
j	Mount bulkhead connectors for capacitance sensors	G10 bulkhead insert		Label insert	20-Aug		
k	Enlarge OCX mounting slot			Develop technique	Now to 8/19	ok	D.Maas
l	Install endplate water manifold	Endplate water manifold	18-Aug		19-Aug	ok	RE, JM
m	Install gas supply manifold	Gas supply manifold	18-Aug		19-Aug	ok	RE, JM
n	Install CO2 supply manifold	CO2 supply manifold	18-Aug		19-Aug	ok	RE, JM
o	Insulate electronics cooling manifold and replace short hoses	Replacement hoses and insulation		Identify insulating material	19-Aug		JM
p	Insulate return and supply connections through OCX	G10 insulators				ok	JM
q	Install cover o-rings	8 cover o-rings					

Task		Required Parts	Parts Status	Comments	Date		Contact
r	Remove broken screws			Two remaining in inner bulkhead			D.Maas
s	Install threaded inserts, thumb nuts, and threaded screws for	Threaded inserts, thumb screws, thumb nuts		Set screws needed, thumb nuts ordered			RFB
t	Install HV warning stickers on cover panels	HV stickers				ok	DJN
u	Reconnect external plumbing				20-Aug		RE, JM, PB
<b>Overall</b>							
a	Complete investigation of DCH temperature profiles						
b	Install OC mylar cover	Mylar sheet, epoxy and/or tape	ok	Seal at rear and at least partially open at front; coordinate with forward mounting scheme	31-Aug		D.Maas
c	Complete rear mounting brackets	Rear mounting brackets	26-Aug	In shop on 8/12	28-Aug		MP
d	Complete forward temporary mounts	Forward temporary mounts	19-Aug	In shop on 8/5	28-Aug		MP
e	Complete forward final mounts	Forward final mounts			28-Aug		KS