



Lubecore Technical Announcement

1 Pump Mounting Bracket Updates

Lubecore is pleased to announce a new series of pump mounting brackets. They have been designed to offer the following benefits:

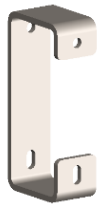

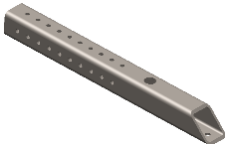
1. Price reduction
2. Cleaner installations
3. Quicker installations
4. Less hardware
5. Consistent corrosion protection
6. Better positioning of pump relative to truck and trailer frame rails
7. Improved inside frame rail mounting options

1.1 New Bracket Options

1.1.1 Universal Mounting Brackets

New universal pump mounting brackets are shown in Table 1. They are to be used with other modular or pneumatic brackets for inside frame mounting or post mounting with other modular or pneumatic brackets.



Table 1

P/N	Description	Picture	Benefits
40.278	Bracket, Inner Frame Mount		<ul style="list-style-type: none"> • Creates spacer for inner frame rail mounting • Open “C” allows service bundles to travel underneath bracket
40.279	Spacer, Tube		<ul style="list-style-type: none"> • Used with 40.278 to preserve C Bracket shape • Prevents mounting bolts from compressing the C shape
40.084	Bracket Support Post		<ul style="list-style-type: none"> • Mounting hole spacing reduced from 3in spacings to 1in for: <ul style="list-style-type: none"> ○ Greater pump position flexibility ○ More pump position flexibility

1.1.2 Pneumatic 210 Pump Brackets

New pneumatic pump mounting brackets are shown in Table 2. The new 40.281 can be used with new universal mounting bracket options. Examples of pneumatic pump mounting arrangements can be found in §1.1.3.

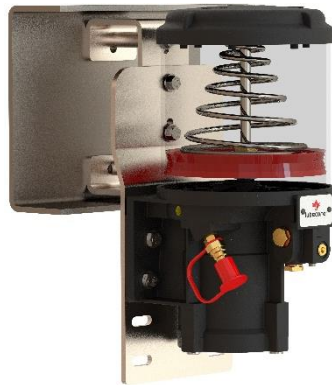
Table 2

P/N	Description	Picture	Benefits
40.281	Bracket, Inner Frame Mount		<ul style="list-style-type: none"> Near flat installation of pump Universal hole patterns for: <ul style="list-style-type: none"> Aligning pumps with top of frame rail One bracket for 4 and 6kg installations Improved aesthetics of installation compared with previous generation 40.000, 40.001 and 40.004 brackets
40.309	Spacer, Tube		<ul style="list-style-type: none"> Used to space 40.281 brackets away from huck bolts or other frame rail obstructions when necessary

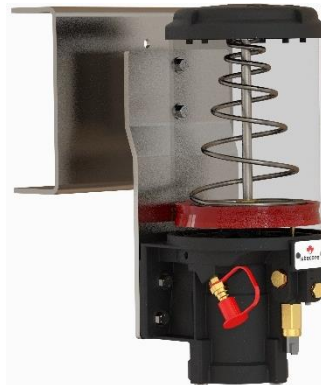
1.1.3 Pneumatic Pump Mounting Examples



4kg 210 Outside Frame



4kg 210 Inside Frame



6kg 210 Outside Frame



6kg 210 Outside Frame



4kg 210 Outside Frame Post Mount



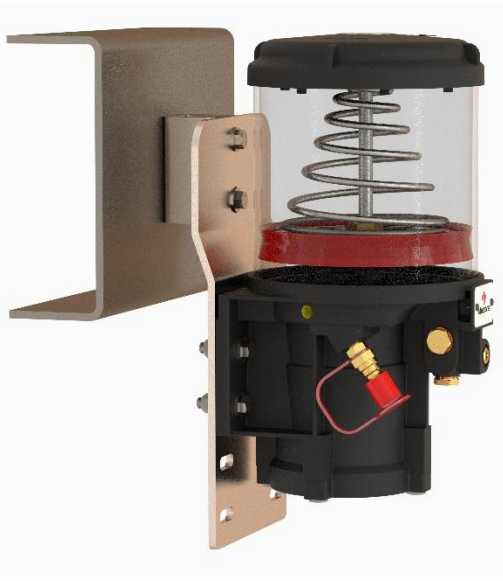
4kg 210 Inside Frame Post Mount



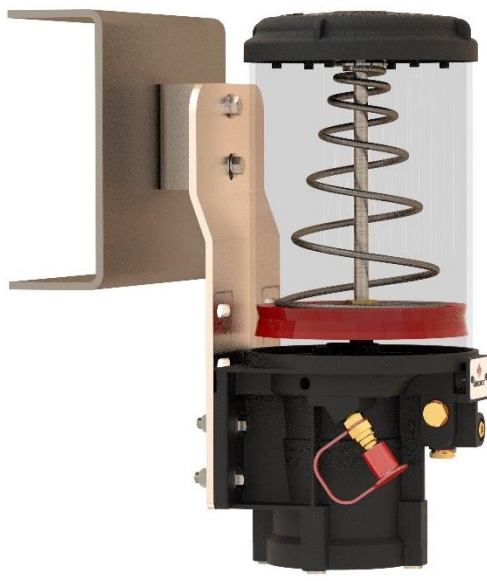
6kg 210 Outside Frame Post Mount



6kg 210 Outside Post Mount



4kg 210 Outside Frame with Huck Bolt Spacer





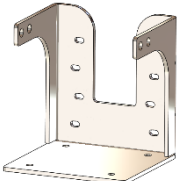


6kg 210 Outside Frame with Huck Bolt Spacer

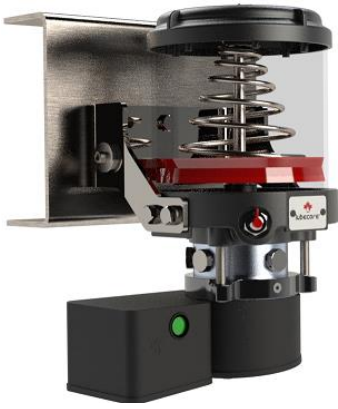
1.1.4 Modular Pump Brackets

New modular pump mounting brackets are shown in Table 3. Examples of modular pump mounting arrangements can be found in §1.1.5.

Table 3

P/N	Description	Picture	Benefits
40.284	Bracket, 4 kg Pump, Inside Frame		<ul style="list-style-type: none"> • Easier, quicker installation • Improved aesthetics of installation • Designed to keep pumps flush with top of frame rail • Consistent corrosion protection
40.285	Bracket, 4kg Pump, Outside Frame		<ul style="list-style-type: none"> • Easier, quicker installation • Improved aesthetics of installation • Designed to keep pumps flush with top of frame rail • Consistent corrosion protection
40.286	Bracket, 6kg Pump, Inside Frame		<ul style="list-style-type: none"> • Easier, quicker installation • Improved aesthetics of installation • Designed to keep pumps flush with top of frame rail • Consistent corrosion protection
40.287	Bracket, 6kg Pump, Outside Frame		<ul style="list-style-type: none"> • Easier, quicker installation • Improved aesthetics of installation • Designed to keep pumps flush with top of frame rail • Consistent corrosion protection
40.139	Bracket, Mounting, 4kg-6kg Pumps		<ul style="list-style-type: none"> • Easier, quicker installation • Improved aesthetics of installation • Less hardware • Consistent corrosion protection • Frame or deck mount capable

1.1.5 Modular Pump Mounting Examples



4kg Modular Outside Frame



4kg Modular Inside Frame



6kg Modular Outside Frame



6kg Modular Outside Frame



4kg Outside Frame Post Mount



4kg Inside Frame Post Mount



6kg Outside Frame Post Mount



6kg Outside Frame Post Mount



4kg Modular Deck Mount



6kg Modular Deck Mount with Support Post

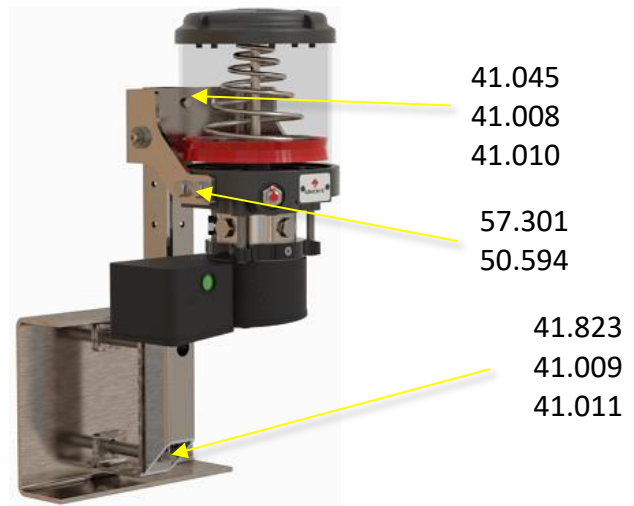
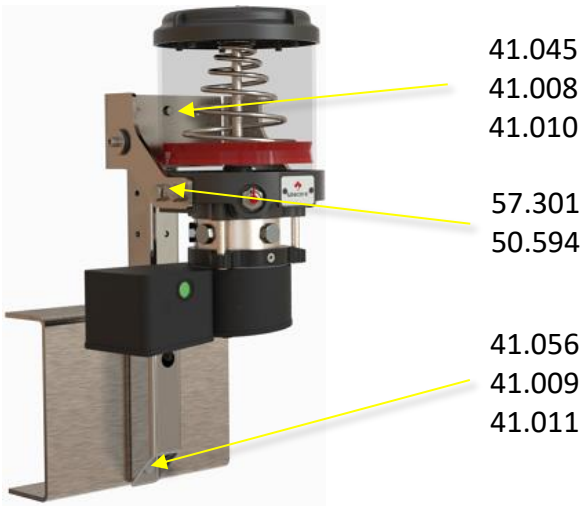
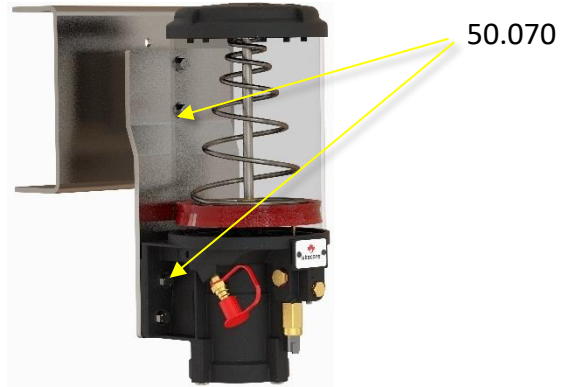
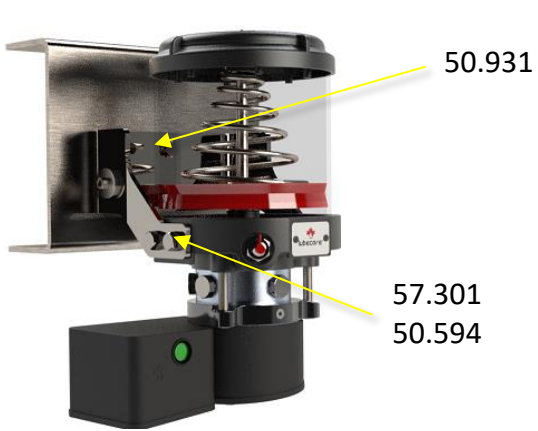
1.1.6 Hardware Kits for Brackets

Hardware kits for the new brackets are shown in Table 4. Many of the hardware kits remain the same as they have been in the past but there is a new hardware kit for 40.278 and 40.279 brackets which can be used to mount a pump inside a frame.

Table 4

P/N	Description	Qty Req'd	P/N Status	For Mounting
57.301	Kit, Modular Pump to Bracket Hardware (4 & 6 kg)	1	Existing	<ul style="list-style-type: none"> Modular Pumps to 40.284, 40.285, 40.286, 40.287, or 40.139 Magnet interface hardware Use with 50.594
50.594	Bolt Kit, Modular Pump to Bracket (4 & 6 kg)	1	Existing	<ul style="list-style-type: none"> Modular Pumps to 40.284, 40.285, 40.286, 40.287, or 40.139 Use with 57.301
50.931	kit, LCI Modular Pump Mount Hardware	1	Existing	<ul style="list-style-type: none"> Modular Pump Brackets to Frame
57.303	kit, Modular Deck Plate to Deck Hardware (4 & 6k)	1	Existing	<ul style="list-style-type: none"> 40.139 to deck
50.070	Pump & Bracket Hardware Mounting Kit	1	Existing	<ul style="list-style-type: none"> Pneumatic Pump to 40.281 and 40.281 to frame
41.045	Hex Bolt 5/16 - 18 X 3 1/4	2	Existing	<ul style="list-style-type: none"> Bolt for use with 40.309 and 40.281 Bolt bracket to 40.084
41.008	Locknut 5/16 - 18 Nylon Insert	2	Existing	<ul style="list-style-type: none"> Nut for use with 40.309 and 40.281 Nut bracket to 40.084
41.010	Flat Washer 5/16	4	Existing	<ul style="list-style-type: none"> Washer for use with 40.309 and 40.281 Washer bracket to 40.084
41.056	Hex Bolt 3/8 - 16 X 1 1/4	2	Existing	<ul style="list-style-type: none"> Bolt 40.084 to frame
41.011	Flat Washer 3/8	4	Existing	<ul style="list-style-type: none"> Washer 40.084 to frame
41.009	Locknut 3/8 - 16 Nylon Insert	2	Existing	<ul style="list-style-type: none"> Nut 40.084 to frame
41.823	Hex Bolt 3/8 - 16 X 4 3/4	2	New	<ul style="list-style-type: none"> Bolt for use with 40.278 and 40.279 and 40.048 and 40.281

1.1.7 Hardware Location Overview






2 Bracket Obsolescence

The brackets that Lubecore plans to obsolete are found in Table 5. Lubecore understands that some Lubecore dealers may have OEM contracts that may have frozen planning with regards to the kit. If you still require any of these brackets for this reason, please contact Lubecore and provide your forecast demand for these brackets. Should the obsolete brackets still be required by our dealer network, the prices of these brackets are expected to rise as Lubecore’s volume on these brackets is reduced.

Table 5

P/N	Description	Picture
40.000	Bracket for Pump 6kg	
40.001	Bracket for Pump 4kg	
40.004	Bracket - Universal	
40.052	Spyder/MLP Mounting Bracket - LH 1/4" - 304 SS	
40.053	Spyder/MLP Mounting Bracket – RH 1/4" - 304 SS	
40.240	Bracket - Deck Plate Modular 4 & 6 kg	
40.241	Bracket - Modular LH 1 Ring 4 & 6 KG	
40.242	Bracket - Modular RH 1 Ring 4 & 6 KG	
40.243	Bracket - 4 & 6kg LH Modular, 3 Rings	

P/N	Description	Picture
40.244	Bracket - 4 & 6kg RH Modular, 3 Rings	
40.256	Bracket - 4 & 6kg LH Modular, 2 Rings	
40.257	Bracket - 4 & 6kg RH Modular, 2 Rings	
41.138	5/16 x 1 ¼ OD Washer	
57.355	Deck Brackets + Hardware Ring MLP 2kg	
57.356	Deck Brackets + Hardware - 1 Ring 4 & 6 kg	
57.370	Pump/SpyderMK2/24v/4kg/3pt/NO Timer/EP2/ Deck Side Bracket	
57.575	Pump/Modular/24v/6kg/1pt/Timer/EP2 - Twin Pump Replacement	
57.358	Deck Brackets + Hardware - 3 Rings 4 & 6 kg	
57.357	Deck Brackets + Hardware - 2 Rings 4 & 6 kg	
57.302	kit, Modular Bracket to Deck Plate Hardware (2,4 & 6kg)	