



January 31, 2017

Brian Staples
Captain
Mesquite Fire Department
E-mail: bstaples@mesquitefire.org

Quote # 10760C

Captain Staples,

Per your request we are quoting remounting and refurbishing your Frazer Type I 12' Generator Powered Module, (X-680)E-1380, onto a 2017 Ford F-350 6.7L diesel chassis with a Liquid Spring Suspension. For your convenience all pricing has been itemized below.

2017 Ford F-350 6.7L diesel chassis (white)	\$ 43,500.00
Liquid Spring Suspension System	\$ 10,000.00

Note - LiquidSpring user interface panel wired to the chassis, mounted in the cab of a Ford F-350 on the dash to the driver's side of the steering wheel

Exhaust heat shielding	\$ 1,500.00
Remount of Module (see incl. items below)	\$ 18,000.00
Chassis Exterior Upgrades	\$ 900.00
Chassis Interior Upgrades	\$ 4,075.00
Module Exterior Upgrades	\$ 23,625.00
Module Interior Upgrades	\$ 10,675.00
HGAC fee	\$ 600.00
Total	\$ 112,875.00

Chassis Exterior Upgrades:

1. Items included in remount fee:
 - a) Ranch Hand powder coated grille guard
 - b) (2) Whelen M4 grille lights w/ colored lenses

Layout: red, blue

 - c) (2) Whelen M4 intersects w/ colored lenses

Layout: clear, clear

 - d) (2) Federal Signal AS124 speakers
 - e) Frazer aluminum rear window pass through plate
 - f) New 125A and 150A Mega fuses with new wiring
 - g) Stripe new chassis to match module
 - h) New mounting rubber
 - i) New tie downs & spacers
 - j) VHB Tape

k) Furnish & install backup alarm	\$	incl.
l) Mudflaps	\$	incl.
m) This unit needs a state inspection	\$	incl.
n) Fuel with diesel to verify fuel flow	\$	incl.
o) Issue temporary license plate	\$	incl.
p) Wash Unit	\$	incl.
q) Route chassis exhaust to below generator compartment (match X-990 and X-998)	\$	incl.
r) Make old chassis road ready	\$	incl.
1. Install rear mud flaps on chassis		
2. Install rear BTT lights		
3. Remove and reinstall compressor on chassis (verify if this is applicable)		
4. Customer will pick up old chassis when unit is complete		
2. Remove license plate on rear of module and keep with old chassis	\$	incl.
3. Furnish and install black nerf bars	\$	450.00
4. Furnish and install stainless steel wheel covers	\$	incl
5. Furnish and install (2) extra Whelen M4 series red grill and intersect LED's on 45/90 brackets Note – Install red M4 on 90° bracket (Clear lens on lights)	\$	450.00
Total	\$	900.00

Chassis Interior Upgrades

Items included in remount fee...

6. New Frazer powder coated aluminum six position console	\$	incl.
---	----	-------

Console Layout:

Slot 1 – Furnish and install new MDT plate with fuel gauge in bottom left corner	\$	50.00
--	----	-------

 Remove and reinstall docking station in center of plate-see check in pics

Slot 2 – Remove and reinstall VHF Radio with mic on driver side of slot two, wire ignition hot	\$	450.00
---	----	--------

 Remove speaker from side of console and reinstall on front of console under MDT plate

Slot 3-Furnish and install Whelen 295SLSA6 siren in lieu of standard, with mic on passenger side of slot two	\$	400.00
---	----	--------

***First slide switch is for PRIMARY lights, second slide adds SECONDARY lights and
Opticom, and third slide adds SIREN***

Install Tap-2

Slot 4 – Single Switch panel	\$	incl.
------------------------------	----	-------

***Switch layout – Rumbler, Side Scene, Side Scene, Blank, Blank, Blank, Rear
Load, Interior Lights, Onan Start/Stop***

Slot 5/6 – Remove and reinstall Double Blank Insert	\$	25.00
---	----	-------

7. Furnish and install arm rests on console	\$	200.00
---	----	--------

8. Furnish and install Federal Signal Rumbler System	\$	1,100.00
--	----	----------

 Operated via foot switch with switch at console to deactivate Rumbler cycle.

9. Remove and reinstall flashlight charger on floor of chassis in front of console wired battery hot	\$	50.00
---	----	-------

10. Verify cables between module and chassis are not damaged during the unmount Be VERY careful with cables from dock in front I/O to monitor on console	\$	N/C
---	----	-----

11. Ensure cables for monitor and keyboard on console have stress relief	\$	N/C
--	----	-----

12. Remove and reinstall docking station with LIND power supply wired battery hot	\$	200.00
---	----	--------

13. Remove Sierra wireless device from side of console and reinstall on rear wall of chassis cab rear behind driver seat and terminate to two antennas on chassis roof, wire battery hot	\$	250.00
<i>Note - Install with easy access to connection points, and tighten all connection points</i>		
Refer to X-989 for location		
14. Remove and reinstall radio holders (cup holders) on rear wall of chassis-Match E-2690	\$	25.00
15. Remove and reinstall two large map holder on rear of console	\$	75.00
16. Cover seats in truck cab with black vinyl	\$	1,150.00
17. Remove Nederman base from driver side of console and reinstall in front of new console on riser. Refer X-989 for exact location. Wire battery hot.	\$	100.00
18. Exhaust buzzer with generator timed shut down switch	\$	incl.
	Total	\$ 4,075.00

Module Exterior Upgrades

19. Items included in remount fee:		
a) Bring electrical shelf to standards; Install new ignition & fail safe solenoids on electrical shelf	\$	incl.
b) Full electrical check	\$	incl.
c) New passthrough rubber boot	\$	incl.
d) Replace all door compartment bumpers	\$	incl.
e) Replace weather stripping	\$	incl.
f) New ribbed rubber in all compartments including on the shelf of the front I/O	\$	incl.
<i>Note - Glue down ribbed rubber in Long Lower Storage Compartment</i>		
g) Perform 450 PM on existing generator.		
20. Ensure front wall is grounded	\$	incl.
21. Remove and discard all listed emergency lighting below:	\$	incl.
a) Remove (8) Whelen 600 series red corner box lights		
b) Remove (5) Whelen 600 series front wall lights		
c) Remove (3) Whelen 600 series rear wall lights		
d) Remove (2) 508 series rear load lights		
e) Remove (2) Whelen 600 series rear red BTT		
f) Remove (2) Whelen 600 series wheel well LEDs		
22. Remove and reinstall (2) 250 watt Kwik-Raze side scene lights	\$	incl.
23. Replace all halogen compartment lights with LED compartment lighting(O2, long lower storage, rear storage, radio compartment, Front I/O, electrical)	\$	incl.
24. Strip, prime, and repaint 12' module Frazer white (BT650 TOPCOAT)	\$	11,000.00
a) Furnish and install corner trim and corner caps on module		
b) Remove and reinstall GFI outlet from rear wall		
c) Replace compartment and entry door latches with Eberhard latches		
d) Rear entry corner guards	\$	incl.
e) Replace entry door windows with double pane windows	\$	incl.
f) (5) J236 keys		
g) Frazer key fob		
h) Replace marker lights (discard old)		
25. Furnish & install new doors on the following (discard old):	\$	incl.
a) O2 compartment		

- b) Radio compartment
- c) Long lower storage compartment
- d) Rear storage compartment
- e) Rear passenger's side entry door
- f) Rear driver's side entry door
- g) Side entry door
- h) Generator compartment
- i) Front I/O compartment
- j) Rear backboard compartment
- k) Electrical compartment
- l) A/C Compartment Door

26. Furnish & install new panels on the following new doors: \$ incl.

- a) O2 compartment
- b) Radio compartment
- c) Long lower storage compartment
- d) Rear storage compartment
- e) Rear passenger's side entry door
- f) Rear driver's side entry door
- g) Side entry door
- h) Front I/O compartment
- i) Electrical compartment
- j) A/C Panel

27. Furnish & install new hinges on the following doors (discard old): \$ incl.

- a) O2 compartment
- b) Radio compartment
- c) Long lower storage compartment
- d) Rear storage compartment
- e) Rear passenger's side entry door
- f) Rear driver's side entry door
- g) Side entry door
- h) Generator compartment
- i) Front I/O compartment
- j) Electrical compartment
- k) Rear backboard compartment
- l) A/C compartment door

28. Install new drip rails without rivets over the following: \$ incl.

1. Side entry doors
2. Rear entry doors
3. Rear Backboard

29. **Remove and reinstall side and rear entry grab rails** \$ -100.00

30. Install new gas shock on long lower storage compartment door, discard old shock \$ incl.

31. Replace side entry door gas shock \$ incl.

32. Replace rear backboard compartment gas shock \$ incl.

33. Install new foam weatherstripping on back board compartment door \$ incl.

34. Furnish and install O2 compartment vent \$ incl.

35. Install new O2 compartment insert threshold (discard old)	\$	incl.
36. Striping & lettering, unit number A7	\$	3,050.00
37. Furnish & install 3M diamond grade fluorescent lime yellow conspicuity with translucent red overlay in a chevron pattern on entire rear wall including entry doors, this uncludes removal of existing conspicuity	\$	2,000.00
38. Furnish and install 4" fluorescent lime yellow 3M conspicuity strips on inside entry doors panels, front I/O panel, O2 compartment panel, radio compartment panel, rear storage compartment (Install strip on rear storage towards top of door panel as high as possible)	\$	175.00
39. Furnish and install the following decals:	\$	incl.
a) Carbon Monoxide warning decal on dash		
b) (1) "No Smoking" decal on dash		
c) (1) "No Smoking" decals in chassis glove compartment		
d) (2) New Frazer ID Tags		
40. Furnish & install new rear entry door grabbers (discard existing)	\$	50.00
41. Furnish & install Cast LED license plate light (discard existing)	\$	50.00
42. Furnish & install new fuel guards (discard old)	\$	incl.
43. Furnish & install (2) 4" round red LED lower B/T/T's and (2) 4" round lower clear back up lights, discard existing	\$	incl.
44. Remove and reinstall treadbrite	\$	incl.
45 Remove and reinstall bumper	\$	incl.
46. Remove Nederman exhaust door magnet from Onan door and ship loose. DO NOT LOOSE- this piece is EXTREMELY important	\$	N/C
47. Do not reinstall old door hold open for Onan door	\$	N/C
48 Remove ramp at rear entry doors and discard	\$	N/C

Note - install rear entry threshold

49. Remove and reinstall 3M Opticom on front wall of module.	\$	incl.
--	----	-------

Wire 3M Opticom on front wall to be activated when siren is in the 2nd slide position, and wire to park kill

50. Furnish and install shore power kill switch in electrical compartment	\$	225.00
51. Furnish and install Acknowledge switch at rear entry door switch panel, with new four slot switch panel	\$	incl.
52. Colored lenses on all emergency lights	\$	incl.
53. Replace (8) existing Whelen 600 series corner box lights and install (8) new Whelen M6 series red LED's with colored lenses and chrome converter flanges	\$	1,450.00
54. Replace (5) existing Whelen 600 series front wall lights and install (5) new Whelen M6 series LEDs with colored lenses and chrome converter flanges	\$	925.00

Layout: Red – Blue – Red – Blue – Red

55. Replace (3) existing Whelen 600 series rear wall lights and install (3) new Whelen M6 series LEDs with colored lenses and chrome converter flanges	\$	550.00
--	----	--------

Layout: Blue – Amber – Blue

56. Replace (2) existing Whelen 508 series rear load lights and install (2) new Whelen M6 series LED load lights with colored lenses and converter flanges	\$	625.00
57. Replace (2) existing Whelen 600 series above wheel wells with (2) Whelen M6 series red LEDs with colored lenses and chrome converter flange	\$	375.00
58. Replace (2) Whelen 600 series red brake/tail/turn LEDs and install (2) new Whelen M6 series red brake/tail/turn LEDs with colored lenses and and chrome converter flanges.	\$	300.00
59. Remove and reinstall existing Meltric 30A shore power receptacle on front wall	\$	incl

Note: Red dot is located facing up. Install the same as check in.

60. Furnish and install Voyager backup camera system, with monitor built into rear view mirror in chassis cab	\$	1,600.00
<i>Note – Use rearview mirror with built in monitor and wire to ignition trigger rather than reverse trigger, discard existing chassis mirror</i>		
61. Furnish & install new 15 gallon Transfer Flow fuel tank and fuel pump	\$	incl.
62. Replace power supply with new Lambda power supply, ship existing power supply loose	\$	1,350.00
	Total \$	23,625.00

Module Interior Upgrades:

63. Items included in remount fee:	\$	incl.
<ul style="list-style-type: none"> a) Replace all non-skid material on threshold(s) with 3M non-skid material (discard existing) b) Add non skid to side entry step well and threshold c) Complete detail of module interior <ul style="list-style-type: none"> Clean & wipe down lasco walls Clean & wipe down floor of module Clean & wipe down exterior & interior of cabinets Clean & wipe down compartments and shelves d) Air filter 		
64. NP1 holes in compartment below I/O to seal existing air compressor mounting holes – Install new rubber in this compartment	\$	N/C
65. Ensure radio at action wall is wired battery HOT	\$	N/C
66. Re-wire Knox MedVault to become battery hot	\$	N/C
67. Rewire Knox KeySecure with BLUE strobe at action wall to battery stud	\$	75.00
68. Replace floor with Alucabond subfloor and Lonseal vinyl floor,	\$	3,400.00
<ul style="list-style-type: none"> a) Remove and reinstall O2 rollers b) Remove and reinstall 3 high "D" cylinder holder below front I/O facing rear of module c) Ship loose antler and bar d) Install new powdercoated laydown O2 e) Replace thresholds f) Install new cot plates and mounting hardware for Power Load g) Remove and reinstall glove box holder at end of squad bench, for new floor installation, and install new support plate h) Remove and reinstall fire extinguisher bracket-same location as check in 		
69. Replace lasco on Squad bench side only. Add plating behind lasco for harnesses.	\$	900.00
70. Furnish and install (1) 6pt harness at squad bench (discuss location at check in)	\$	500.00
71. Furnish and install plating on base frame for installation of Stryker Power LOAD system	\$	500.00
72. Install customer provided Stryker Power Load	\$	2,100.00
73. Replace (1) existing interior LED with new (1) Grote LEDs	\$	300.00
74. Furnish and install new blue Wise corner trim on interior of module	\$	300.00
75. Furnish and install captain's chair with built in child safety seat and 4pt harness	\$	1,850.00
76. Furnish and install new Lexan doors on existing I/O with Perko style D ring latches	\$	750.00
	Total \$	10,675.00

1. This quote is valid for 90 days.
2. All pricing is F.O.B. Houston.
3. Please note, payment for the entire purchase is due upon receipt and acceptance of completed unit.
4. Please make your purchase order out to Sterling McCall Ford, 6445 Southwest Freeway Houston, TX 77074. Please email a copy of your purchase order and this quote to Pablo Cantu with Sterling McCall Ford at pcantu@sterlingmccallford.com and to Adam Fischer at sales@frazerbilt.com.
5. To minimize delays, customer provided items should be present prior to unit production start.
6. Per TMVCC we are quoting this through our licensed franchise dealer, Sterling McCall Ford.
7. Fair condition of module is assumed when quoting paint. Large or excessive dents, deep or excessive scratches and unforeseen body work will require a revision to the quoted paint price.
8. Striping and lettering pricing may be adjusted based on the company's scheme. Striping and lettering pricing includes two hours' design time in the base price. Additional design time for more extensive graphics and/or multiple changes is quoted at \$100/hour.

Thank you for the opportunity to quote this job. If you have any questions please call me at 888-372-9371.

Best Regards,



Laura Richardson
Frazer, Ltd.

LGR:EF