

SPECIAL POINTS
OF INTEREST:

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- Rigmaster stops making APU's
- California ends engine idling
- New address for our Warranty Dept.
- Cleaning Your APU

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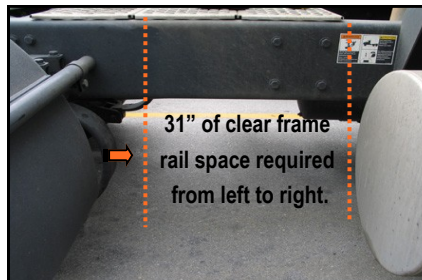
2008 Product 4
Specifications

Measuring Up Frame Rails

Trucks are like people, they are all different. The same truck can be made 11 different ways on the same assembly line shift. That is why it is important to measure the truck first—don't assume anything as gospel. Lets talk about frame rail real estate.

The Frigette APU has a width of 30.5" from left to right. Consequently, we need an honest 31" of clear frame rail space to mount the power assembly. In addition to the width, we need to make sure there are no obstructions hanging directly under the frame rail, like air tanks.

The Frigette APU has a condenser fan that must have a clear shot to blow hot air towards the drive shaft. Any fan obstruction will cause the engine



coolant to overheat due to restricted heat dissipation.

Look at the above photo and you will see a perfect opportunity to install the power assembly box.

IMPORTANT— On Kenworth or Peterbilt tractors with the "Flex Ride" suspension, (see arrow in photo above) you must give yourself a couple extra inches of clearance away from the metal arch.

Why? A fully loaded trailer puts gravity pressure onto the chassis, making the

beam compress and move forward! If you are not careful, the flex arch under a weight load could hit the side of the box, and that means re-installing it.

Many times a few inches of extra space can be achieved by moving the fuel tanks forward, or tilting/removing a quarter fender. If there are air tanks you may have to relocate



them. Plastic skirts may have to be cut or modified to allow access for installation and routine maintenance of the APU.

Rigmaster Stops Making APU's

Last week, Rigmaster announced that they will no longer be making APU's for the trucking industry.

Rigmaster had been building idle solutions for many years and was originally founded in Canada from the facilities of a Detroit Diesel outlet. Rigmaster's were always popular because of their ultra-low pricing and the "Stand-Alone" engineering principle that avoided tying into sensitive main OEM truck systems.

The demise of a major competitor highlights the dangers of a manufacturer's competitive pricing that is too low to support a business model.

This situation now presents new opportunities to convert a Rigmaster prospect over to a Frigette APU, which also offers electrical 120 volt power in a non-integrated idling alternative.

California Bans Idling-not APU's



Older trucks with pre-07 engines may use APU's in California

The rules in California just got tougher this past January against truck engine idling. The news has spread about strict fines, but so has the confusion about what is considered acceptable and what isn't. Many believe that APU's are banned –but this is not entirely correct.

The California Air Resources Board have written the regulations to allow the use of Auxiliary Power Units with certain conditions:

- Trucks manufactured as model year 2007 with a 2006 model year engine may use a diesel APU-No problem!
- 2006 or older trucks with 2006 or older model year engines may also operate an APU-No Problem!

The twist comes with NEW trucks equipped with Clean Diesel emissions engines incorporating Diesel Particulate Filters or "DPF's". These trucks may NOT use a diesel powered APU unless it is also equipped with its own DPF. Problem is, as of the date of this newsletter, no APU maker has been certified to offer a DPF for an APU. So why did C.A.R.B. make this rule before a solution was available? Good question. They thought someone would have it figured out by now. Frigette is currently working hard with a vendor who specializes in DPF design. Once we are certified by CARB, we will advise everyone on availability.

Remember, there are very few new trucks on the road so far, and millions of older ones that qualify for using an APU in the golden state.

Our Warranty Department Has Moved

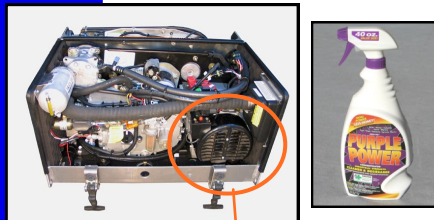
Make sure you send return parts to our new warranty address



Effective January 1, 2009 our warranty return goods department moved to a different building. If you are sending any parts back, be sure to include the return authorization goods ("RMA") number to the parts. Our new warranty address is:

FRIGETTE RETURN GOODS WAREHOUSE
 9320 SOUTHWEST DRIVE
 FORT WORTH, TX 76134
 Phone: 817-293-5313 ask for warranty dept.

How To Properly Clean Your APU



Cover the Gen-head with plastic to keep water out before you start.

APU's are a good investment and worth taking care of. Trucking presents a harsh environment of dirt, dust, oil, grease, fuel and magnesium chloride de-icing fluid that crusts over everything. Keeping it clean will also assist in the inspection of any oil, fuel or coolant leaks. Cover the gen-head with a plastic bag, to keep any liquids out of the copper windings.

Using a degreaser apply following the directions. Then gently rinse the dirt off, using a garden hose with your thumb to regulate pressure, NEVER USE A HIGH PRESSURE HOSE or you will damage it! An air hose with nozzle is a good way to dry the unit, and blow any residue dust away.

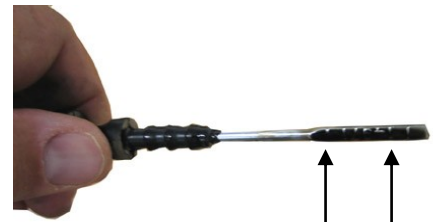
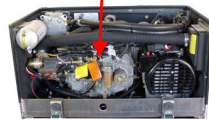
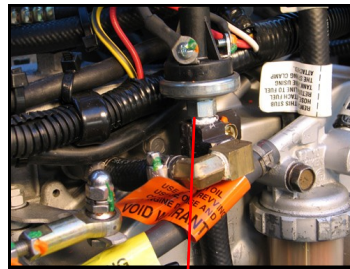
Be sure to clean the condenser coils on the back of the apu box, this will ensure better air conditioning performance. Do this twice a year.

Tech Tips Topic— Oil Pressure Safety Switch

The Oil Pressure Switch is located on the front side of the Kubota engine. The Oil switch and the “Hot Water Temp” switches are gateways to the electrical logic of the Frigette APU system. This simple safety system is designed to help preserve engine life if oil is low or coolant is too hot.

The oil switch is also a entryway for the directional flow of oil coming from the spin on remote filter to the factory engine oil pump, located inside the Kubota engine itself.

Oil pressure is a minimum 10 p.s.i. and if oil pressure drops, the switch contact will 'open' and shut the engine down. These engines normally consume a little oil and you should therefore check oil levels at least twice a week. Add a little 5w-40 as needed.



Fill oil in the crankcase between the two dipstick marks- DO NOT OVERFILL!

New 2-Wire Gen-Head Now in Production

The newest Frigette Generator Modules in our recent production now have an upgraded design from the component manufacturer. We call these the “2-Wire” generators.



(Older styles had the “4-wire” output leads) What is the difference? The 2-wire

models now have embedded magnets inside the copper wire armature. The benefit of this design upgrade is a more exact voltage output closer to the 120-122 volt A/C specifications. The older style units sold for many years had a slightly higher electrical output rating (often in the 127-130 voltage range). It is **IMPORTANT** for any service technician to identify the two wire version when changing run solenoids or adjusting engine speed/voltage output with solenoid linkage. The start date for the 2-wire systems began with a production date of October 2008 beginning with serial number #2058094. (Serial number located on the air filter)

The 2-wire system has one red wire and one blue wire output. For more information see Service Bulletin 09-001 issued Jan 12/09 to all our dealers.

New Operation/Maintenance DVD Now Available



Look for the new disk that was recently sent in a literature package to all our dealership Parts and Service Managers.

The disk has great information on how the

Frigette system works, how to maintain it, and some basic key things to remember. If you need to get some additional copies to past customers, call our customer service dept. or your representative. The more people that look at these disks the better.

Keeping people informed is the best way to counter poor maintenance habits, and premature failures of the product.

Everyone who owns/sells/services or drives a truck with an APU needs to watch the DVD.

BIG ON DRIVER COMFORT... SMALL ON OPERATING COST!
 -APU PACKAGED IN A TRUE STEP BOX DESIGN-

- Mini Kubota burns only 1.10 gallons per hour
- 120-Volt Electricity
- Battery Charging
- 10,000 BTU Bank Heat
- 12,000 BTU Bank A/C
- Financing Options Available

LESS FACE IT. In getting together out there being a trucker, the heat, the cold, the rain, the sun, the noise, the long haul and cold winters, isn't there you involved in an air induction system to make your life more comfortable?

DID YOU KNOW? Most truck operators like their vehicles engines as much as 40-50% just trying to stay comfortable. At a gallon of fuel per hour... your profits are going to suffer.

The Frigette Hybrid APU can save thousands of dollars in fuel cost and engine wear annually for a driver and you, too!

Frigette TRUCK CLIMATE SYSTEMS
 1700 West Highway Rd. Fort Worth, TX 76104
 Ph: 800-433-1740 Fax: 817-293-8014
 www.cclfrigate.com

Also..... Our newly designed flyers are in the mail to your dealerships. Use these to adorn your showroom displays and on sales calls to your customers. Call us if you need more.



Reach us at:

1200 West Risinger Road
 Fort Worth, Texas 76134
 Phone; 817-293-5313
 Fax: 817-293-8014

TECH SERVICE QUESTIONS?

Phone 1-800-275-7524
 Fax: 817-293-6477
 E-mail: techservice@scsfrigette.com

Questions or Comments?
 Email me at: kholze@scsfrigette.com

Frigette Truck Climate Systems manufactures fuel efficient anti-idle solutions for the over the road heavy duty truck market. With volatile energy prices and increasing idling legislation, trucking operators seek a better alternative to wasteful fuel burning practices. The Frigette APU delivers the ultimate compact package of comfort heating and cooling performance, battery charging and household electricity. The days of engines idling in parking lots is over. Make your next investment a Frigette APU.



Frigette APU Specifications

Cooling BTU's	12,000
Heating BTU's	10,000
Evaporator Blower	330 CFM
Refrigerant	RI34a
Engine Make	Kubota EA300
Engine Cooling	Liquid Cooled
Fuel	Diesel
Battery Charging	60 amps DC
Household Power	3300 watts AC
System Weight	418 approx.
Enclosure Material	Aluminum
Duplex Plug-ins	Four
Airflow Ductwork	Yes
Optional Step for box	Yes
Dimensions	30.5" x 25.5" x 16"



A Frigette APU has ability to fit under the passenger door of many trucks when competitors can't!

