



WE UPGRADE GAS ENGINES



Engine Upgrades

Caterpillar Engine Upgrades

- G398
- G399
- G3304
- G3408
- G3412
- G3516
- G3616

■ MOTORTECH | Caterpillar Engine Upgrades

CAT G398 – Ignition Upgrade

- MIC500
- Alpharails
- Junction Box



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CAT G398 – Ignition Upgrade

- MIC500
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■ MOTORTECH | Caterpillar Engine Upgrades

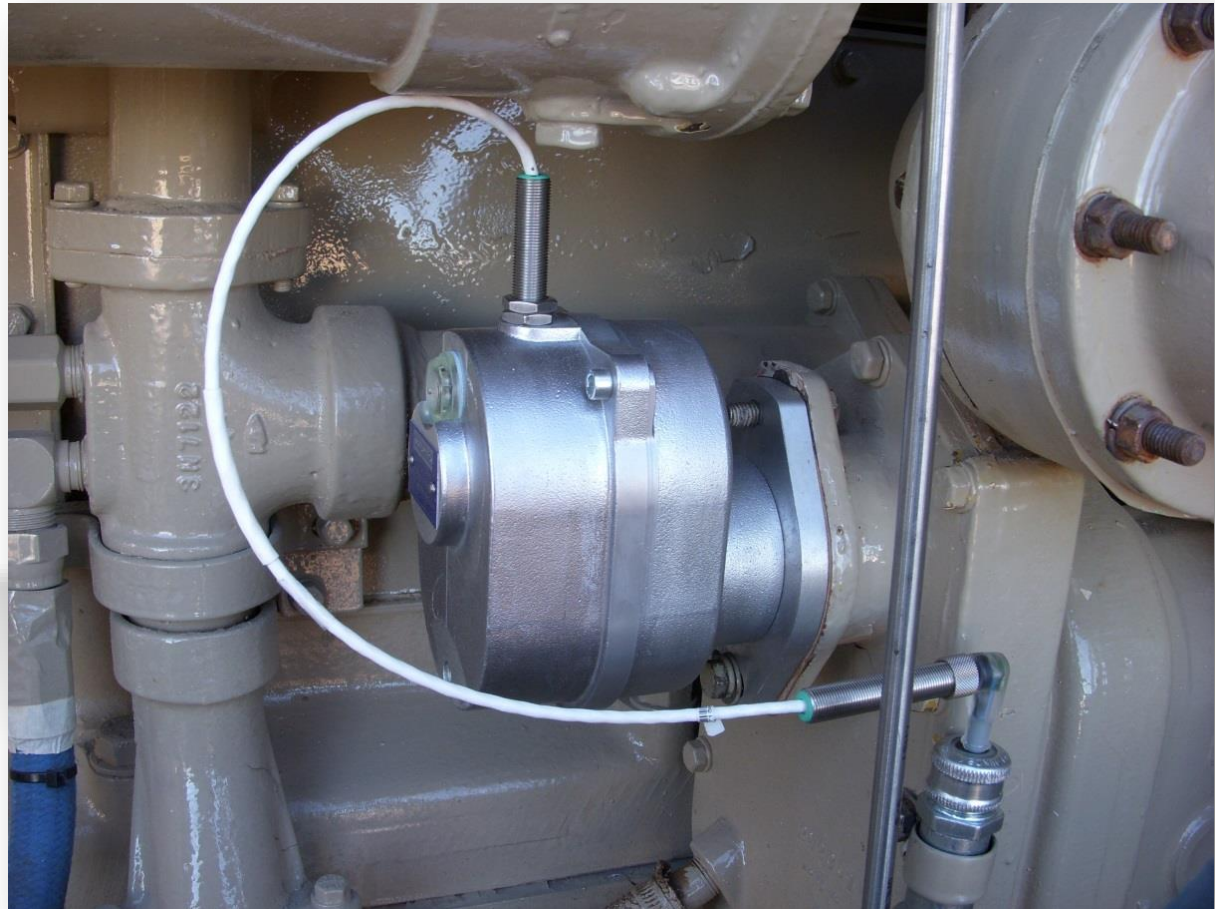
CAT G398 – Ignition Upgrade

- MIC500
- Alpharails
- Junction Box



CAT G398 – Ignition Upgrade

- Trigger Device
- Inductive Pickup



■ MOTORTECH | Caterpillar Engine Upgrades

CAT G399 – Ignition Upgrade

- MIC500
- Alpharails
- Shielded /
Unshielded
Applications



■ MOTORTECH | Caterpillar Engine Upgrades

CAT G399 – Ignition Upgrade

- MIC500
- Alpharails
- Shielded / Unshielded Applications



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CAT G399 – Ignition Upgrade

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- Shielded / Unshielded Applications



CAT G399 – Ignition Upgrade

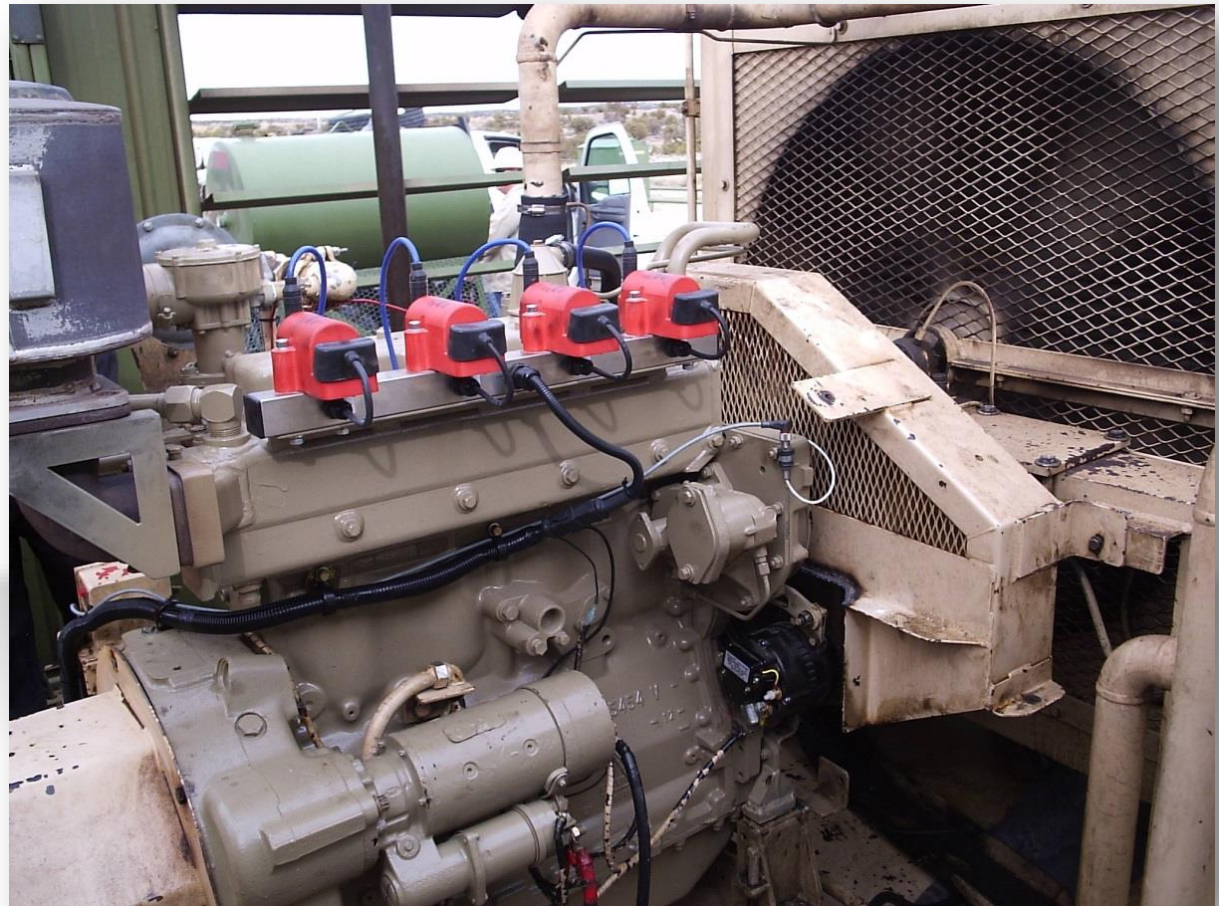
- MIC500
- Alpharails
- Shielded / Unshielded Applications



■ MOTORTECH | Caterpillar Engine Upgrades

CAT G3304 – Ignition Upgrade

- MIC500
- Alpharails



■ MOTORTECH | Caterpillar Engine Upgrades

CAT G3304 – Ignition Upgrade

- MIC500
- Alpharails



CAT G3408 – Ignition Upgrade

- Shielded application
- Integral Coils
- Alpharails



CAT G3412 – Detonation Upgrade

- Integral coils
- Alpharails
- DetCon16
- Detonation Sensors



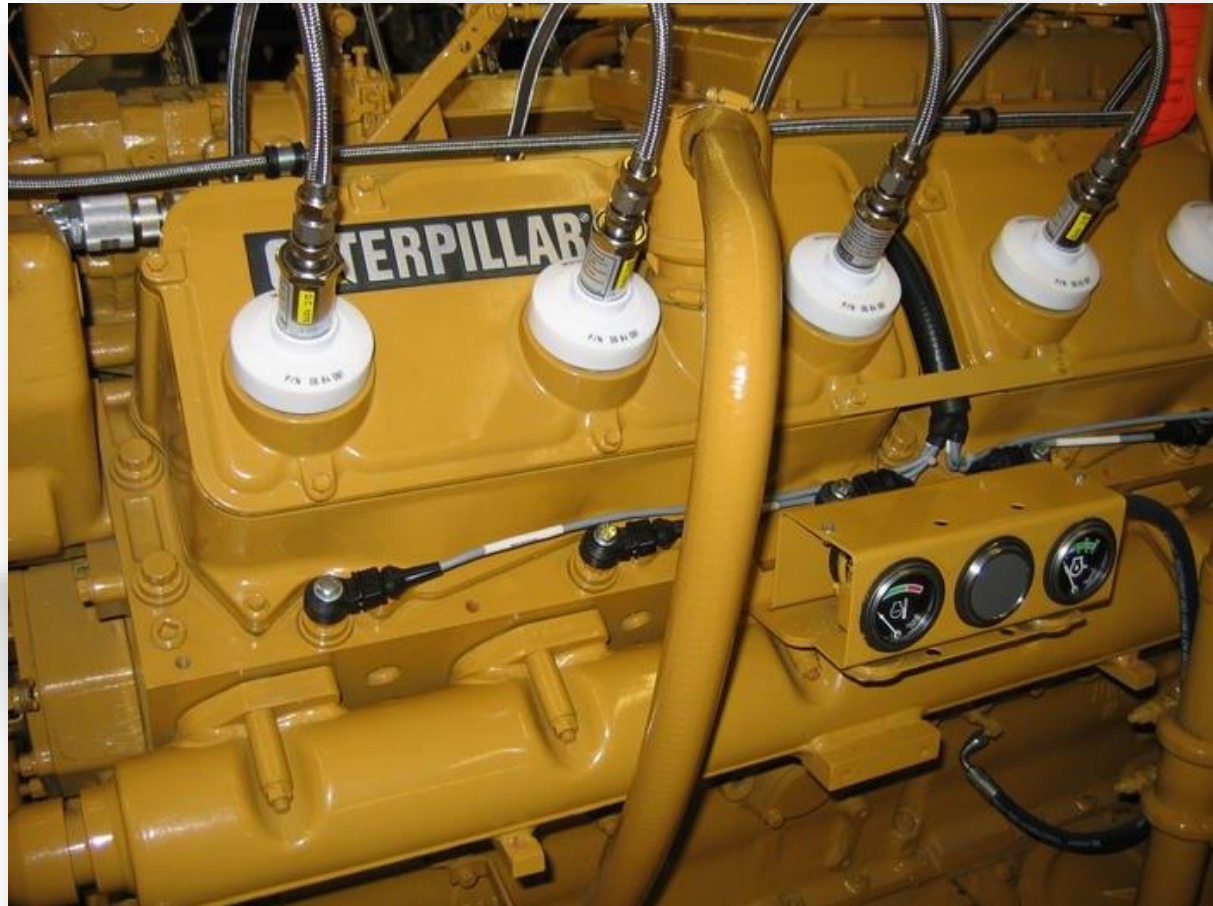
CAT G3412 – Detonation Upgrade

- Integral coils
- Alpharails
- DetCon16
- Detonation Sensors



CAT G3412 – Detonation Upgrade

- Integral coils
- Alpharails
- DetCon16
- Detonation Sensors



CAT G3412 – Ignition/Detonation Upgrade

- Integral coils
- Alpharails
- DetCon16
- Detonation Sensors



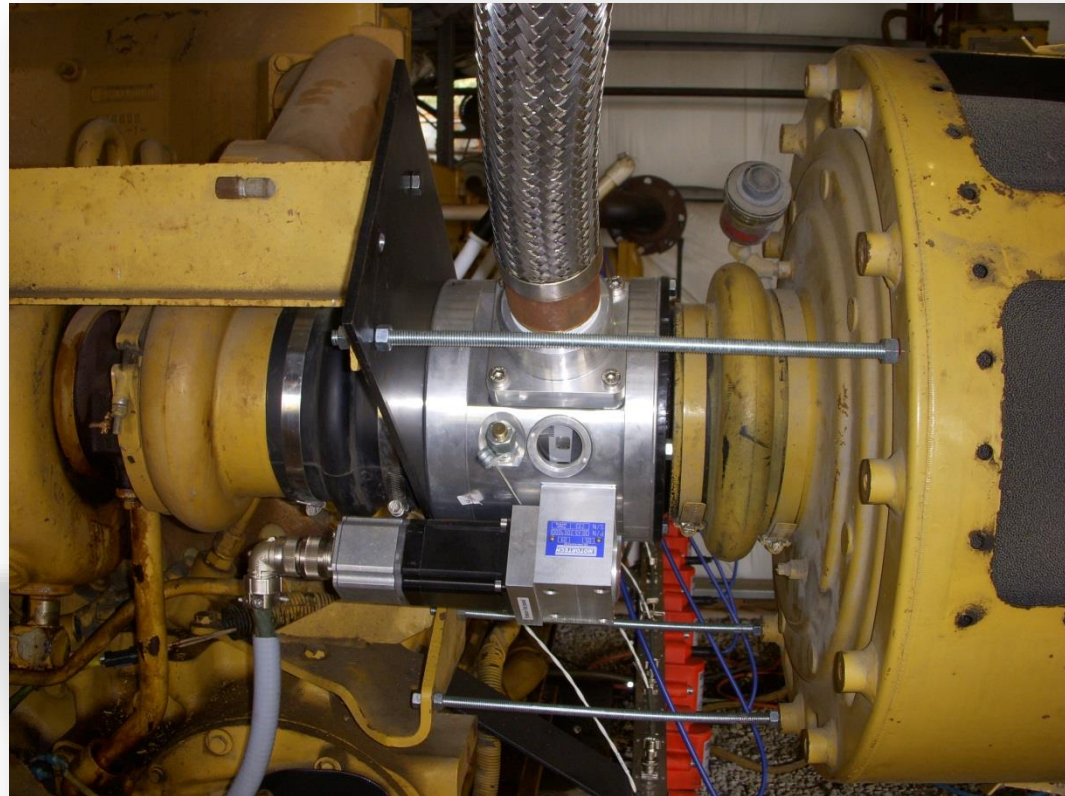
CAT G3516 – Ignition, Detonation, Mixer

- USA Site
- MIC850
 - Alpharails
 - Red Coils
 - High Tension leads
- Detcon20
 - Alpharails
- 2x Varifuel2
- Powerview2



CAT G3516 – Ignition, Detonation, Mixer

- USA Site
- MIC850
 - Alpharails
 - Red Coils
 - High Tension leads
- Detcon20
 - Alpharails
- 2x Varifuel2
- Powerview2



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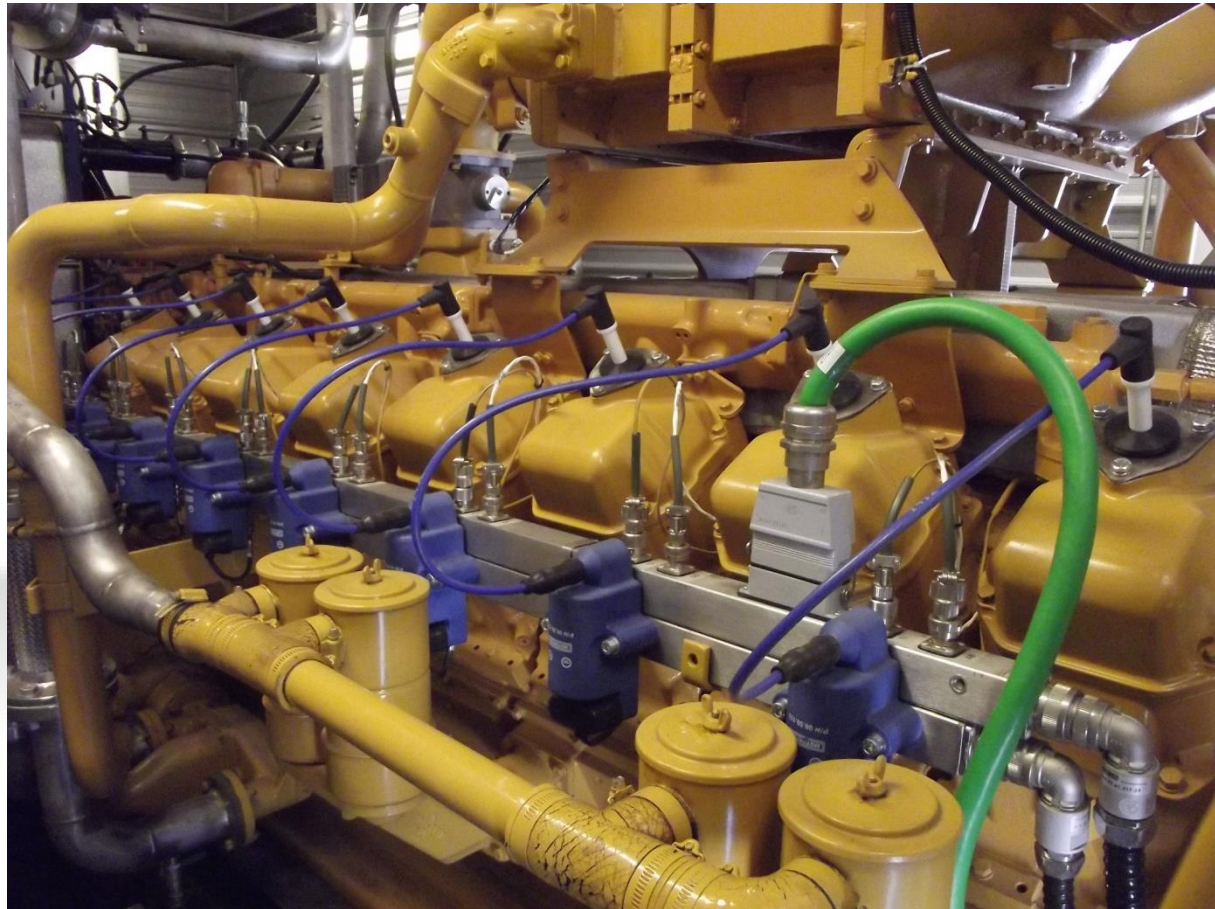
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CAT G3516 – Complete Upgrade

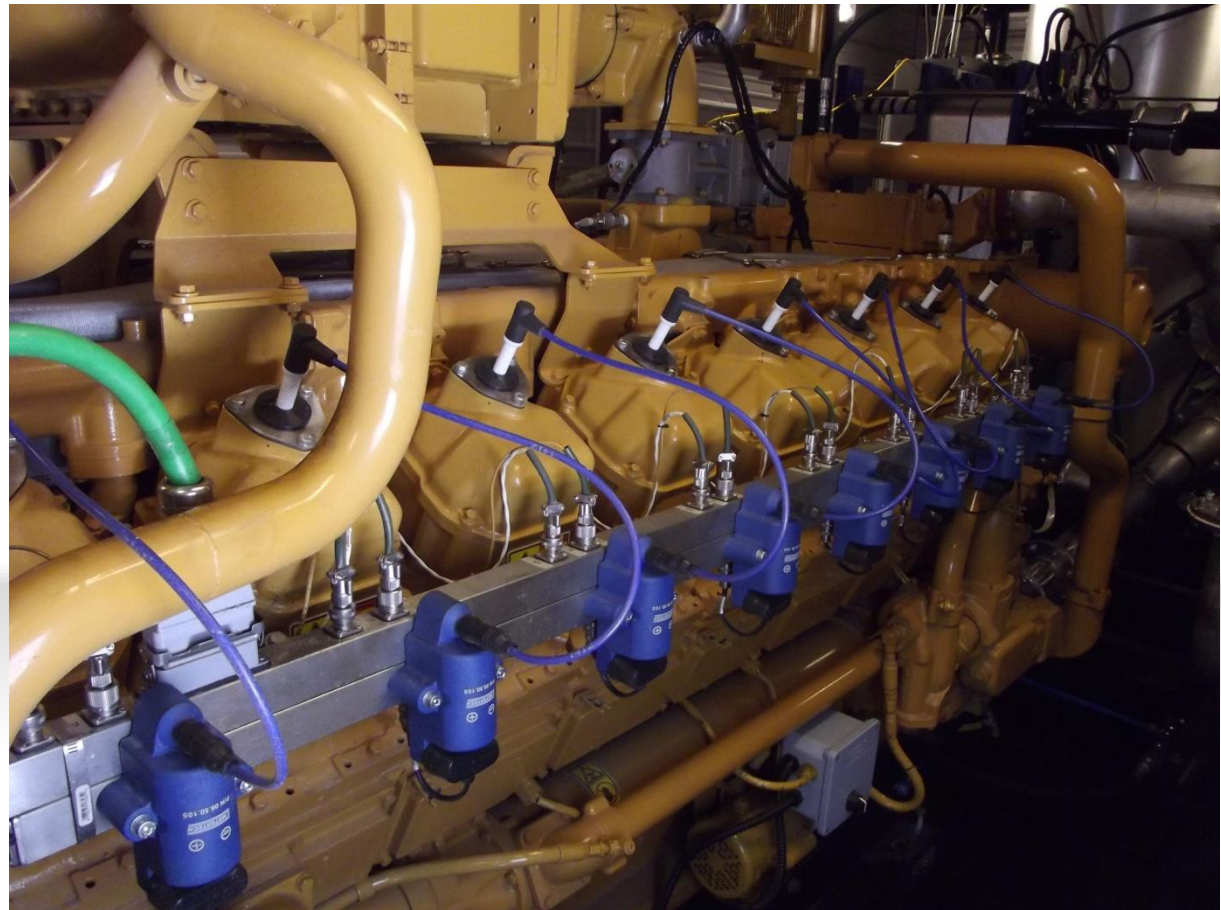
- USA Site #2
- MIC4
 - Alpharails
 - Blue Coils
 - High Tension leads
- Detcon20
 - Alpharails
- Thermocouples
- 2x Varifuel2
 - Varistep
- All in one



■ MOTORTECH | Caterpillar Engine Upgrades

CAT G3516 – Complete Upgrade

- USA Site #2
- MIC4
 - Alpharails
 - Blue Coils
 - High Tension leads
- Detcon20
 - Alpharails
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 - Varistep
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MOTORTECH | Caterpillar Engine Upgrades

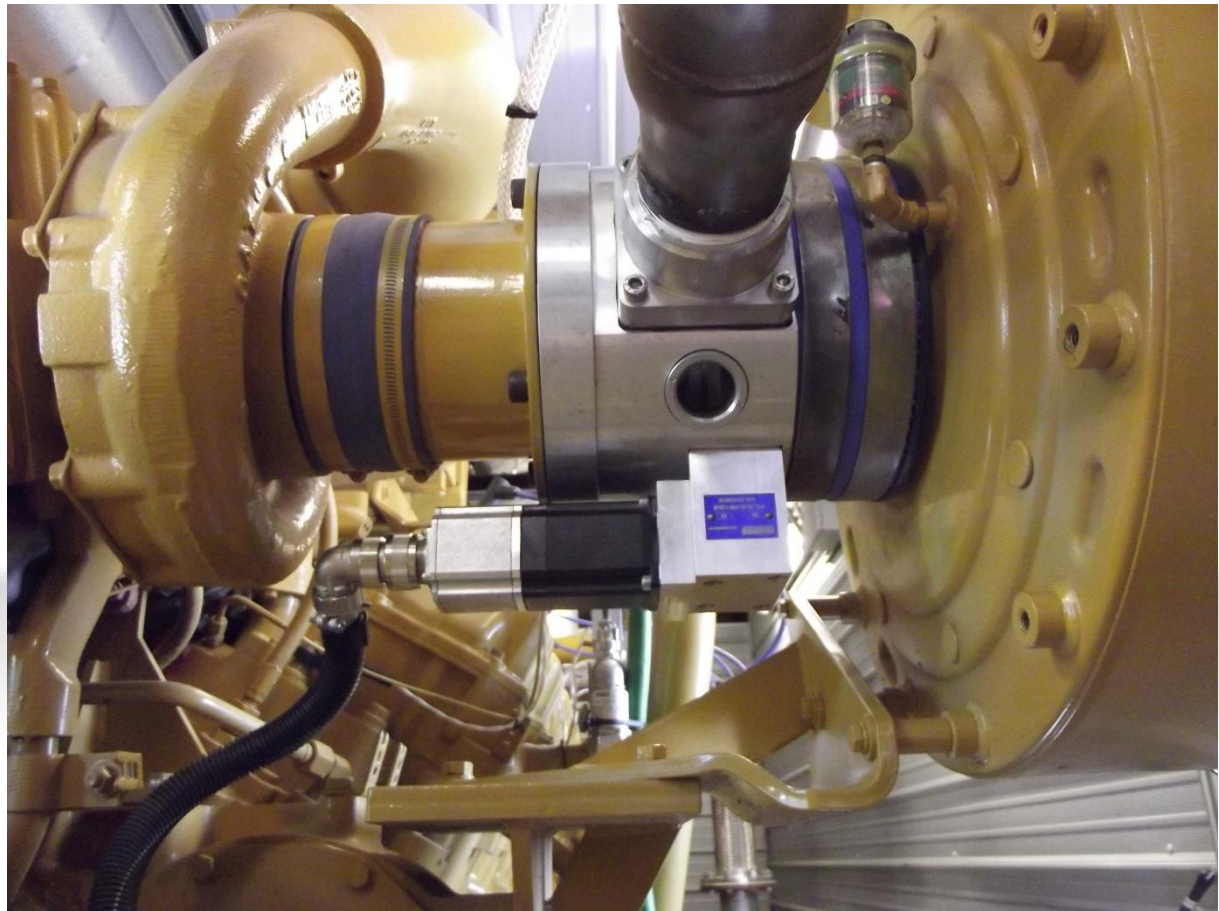
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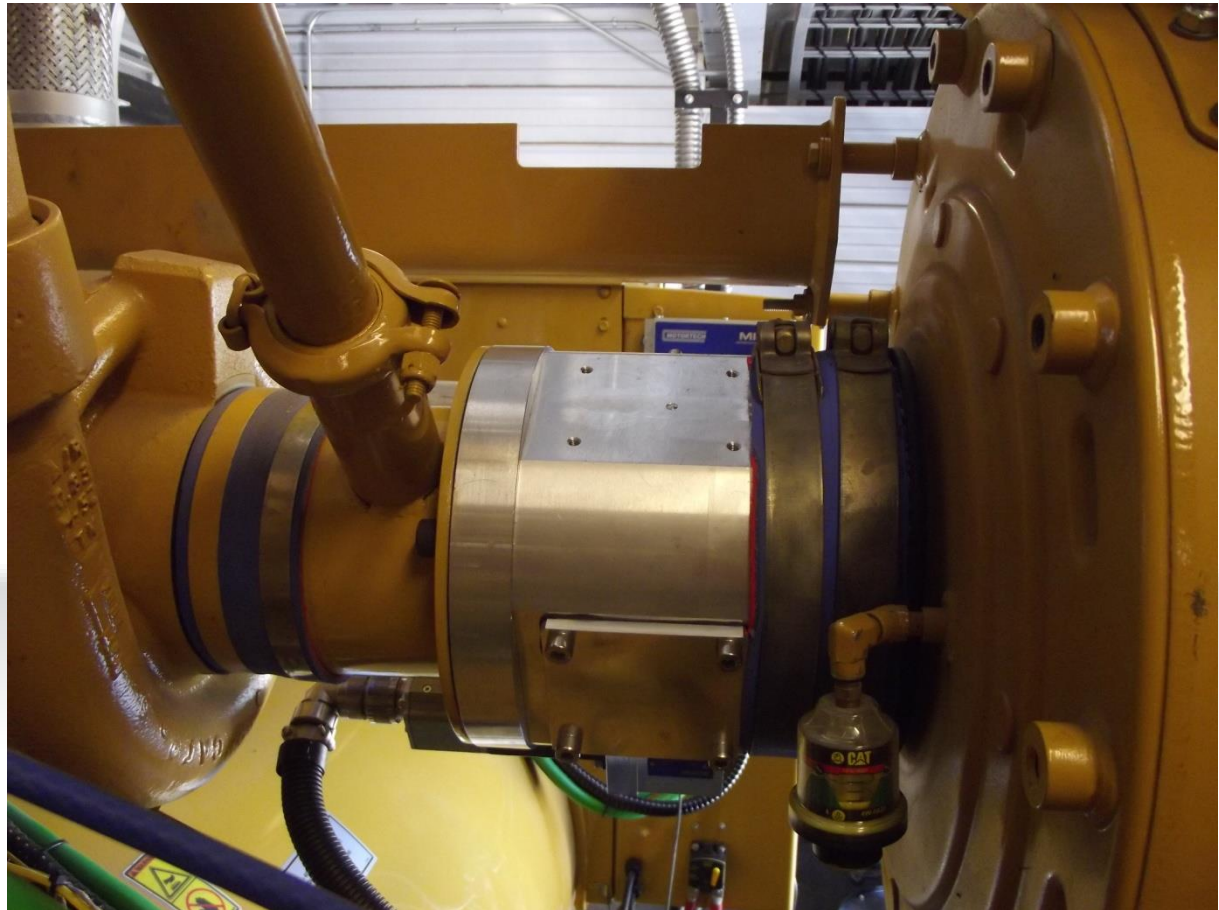
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■ MOTORTECH | Caterpillar Engine Upgrades

CAT G3516 – Gas Mixer Upgrade

- French Site #1
- 2x Varifuel2
 - EmCon5
 - Varistep cards
 - Integration with control panel



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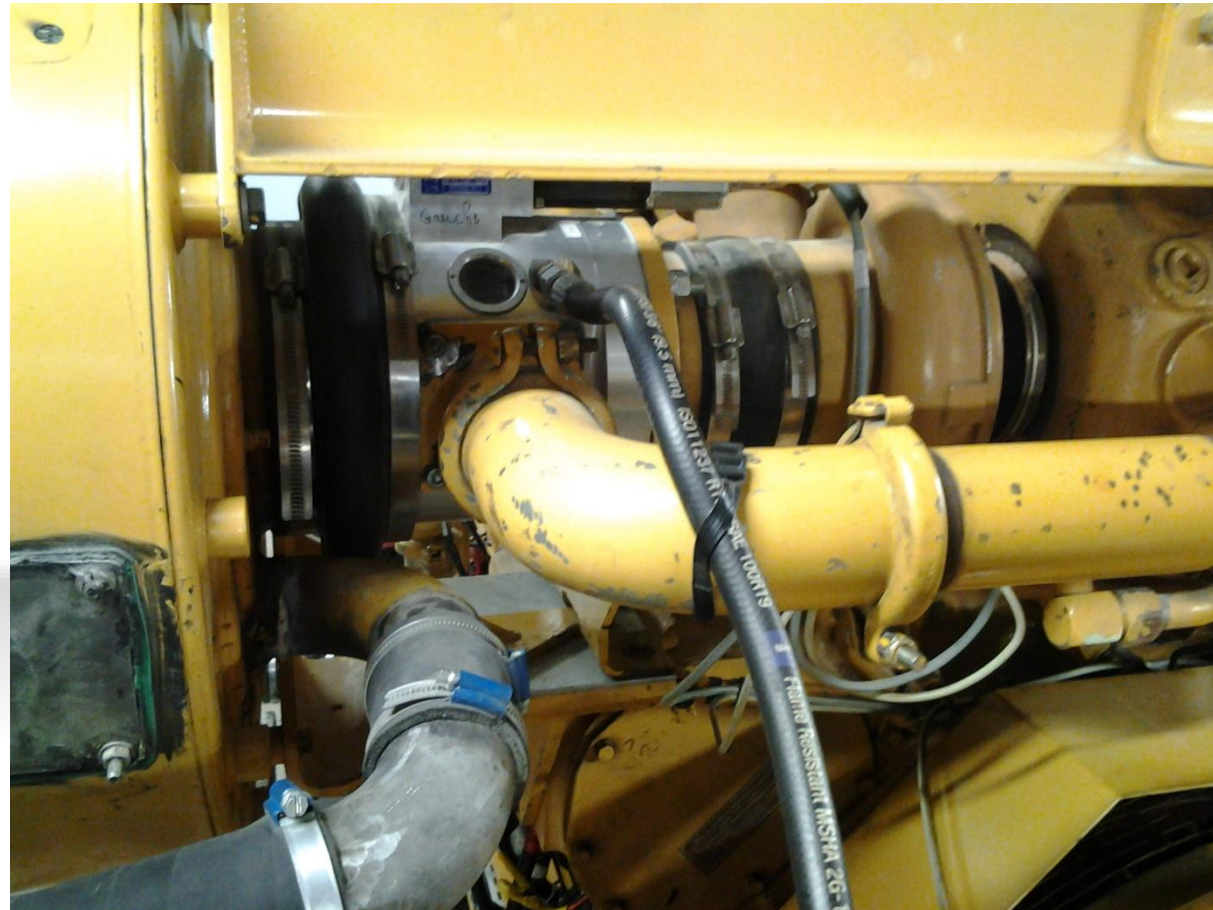
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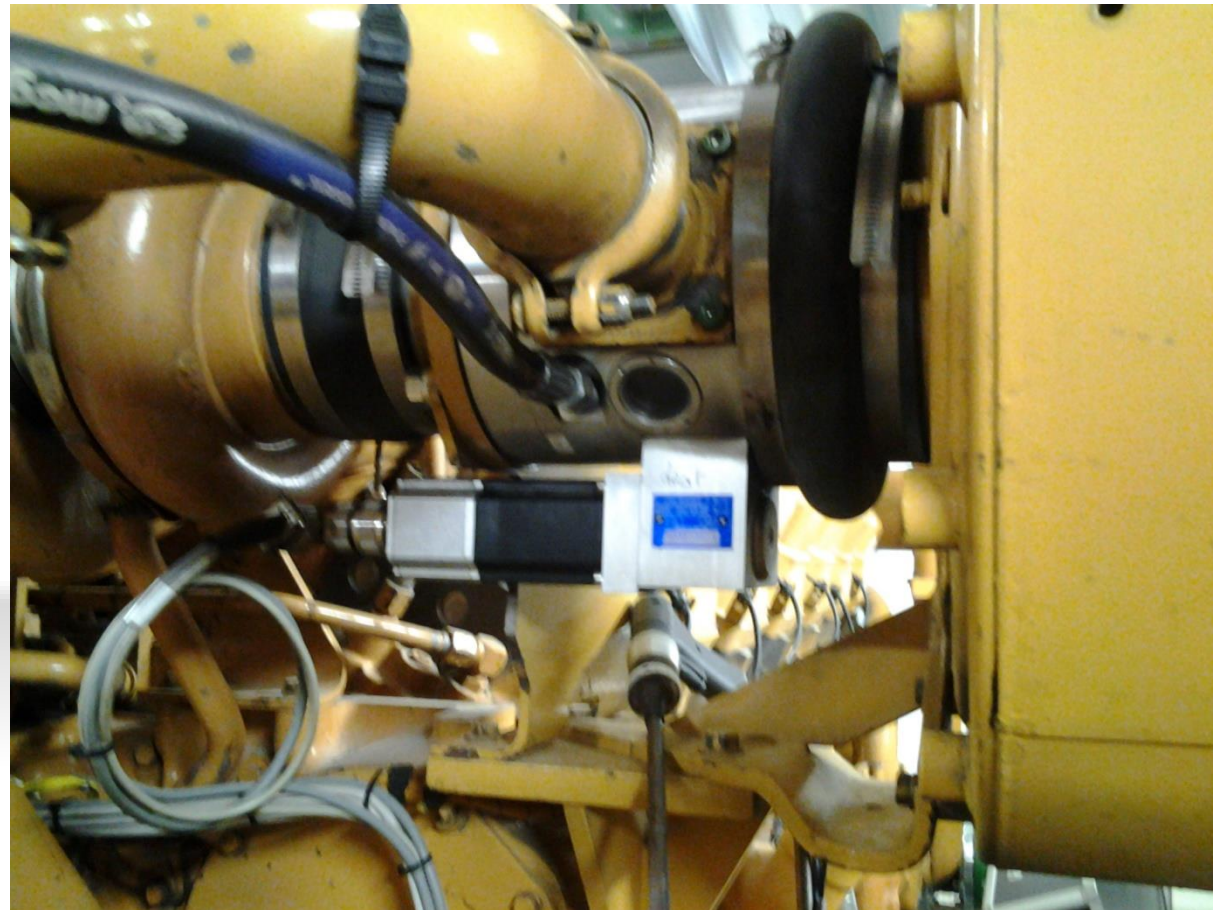
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■ MOTORTECH | Caterpillar Engine Upgrades

2x CAT G3516 – Tandem Gas Mixer Upgrade

- Austrian Site
- 2x CAT G3516
- 1x 2MW Generator
 - 4x VF2
 - 4x Varistep Cards
 - 2x Gill AF120



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2x CAT G3516 – Tandem Gas Mixer Upgrade

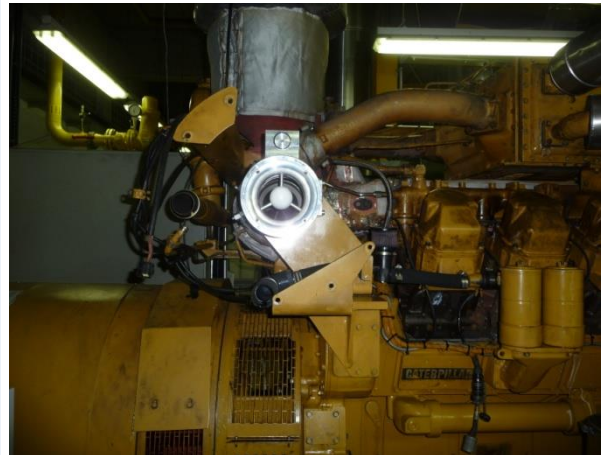
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CAT G3516 – Ignition/Detonation Upgrade

- Colombia Site #1
- Ignition upgrade
 - MIC850
 - External Coil + high tension leads
 - Alpharails
- Detonation
 - DetCon20
 - Alphails
 - Sensors



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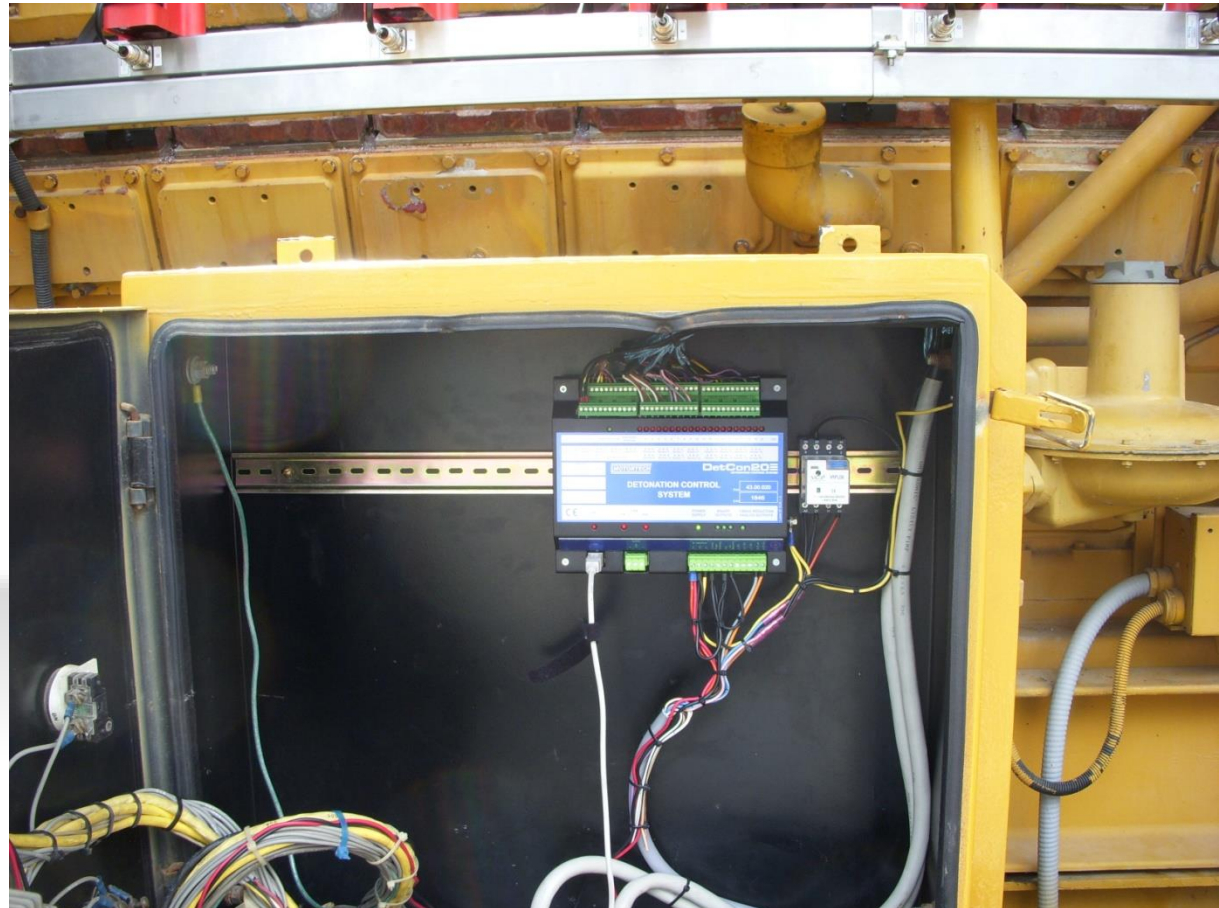
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■ MOTORTECH | Caterpillar Engine Upgrades

CAT G3616 – Ignition/Detonation Upgrade

- USA Site #1
 - Red Cedar
- Wiring Rails
 - Ignition
 - Detonation



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CAT G3616 – Ignition/Detonation Upgrade

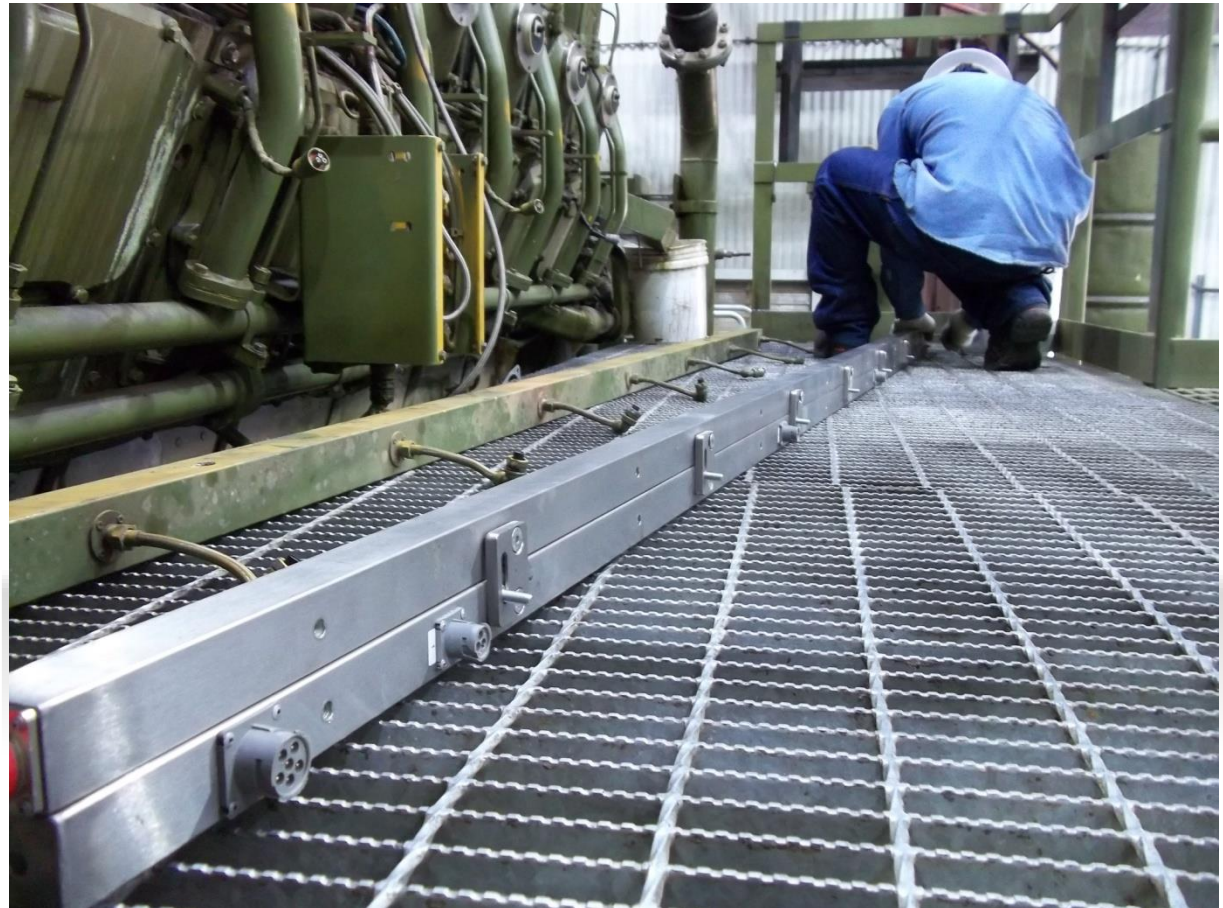
- USA Site #1
 - Red Cedar
- Wiring Rails
 - Ignition
 - Detonation



■ MOTORTECH | Caterpillar Engine Upgrades

CAT G3616 – Ignition/Detonation Upgrade

- USA Site #1
 - Red Cedar
- Wiring Rails
 - Ignition
 - Detonation



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CAT G3616 – Ignition/Detonation Upgrade

- USA Site #1
 - Red Cedar
- Wiring Rails
 - Ignition
 - Detonation

