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-----PLEASE READ ALL OF THIS BEFORE INSTALL-----

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GRAND THEFT AUTO V

SMART FUEL MOD

[PERTAMINA]

Version 18.0

***"a lot of things have been changed since the previous version
so please take your time for just a second to read this rather than get confused later"***

[NEW] Engine health affects fuel consume
[NEW] More damage = more consume

//mrchazta
Fully supported by 1feihu
Download English (US) version on <http://www.gta5-mods.com>
You can download translated version of this mod to various languages at our site
<http://organizationmanamods.enjin.com>

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2. INFORMATIONAL, ON PROGRESS & TODO

Informational

- Do not bother the " Smart Fuel Unit Install" inside the refueling menu, it will be used for next version.
- Since now it adds tyre installment feature as OPTIONAL now you can choose wheter to install Car Damage Indicator Mod together or not if it installed together you can access tyre replacement feature.
- Since now it adds Helium Headlights Installment as OPTIONAL now you can choose wheter to install DESILVI INTERNATIONAL RALLY TOURNAMENT [DIRT] together or not if it installed together you can access Helium headlights Installment feature.

Progress Priority [Some of these are maybe still on going or already finished]

- Make settings saveable in file
- Head Unit installation,
- Finishing and releasing .net version of this mod
- Separating gasoline fuel become PREMIUM (Octane 88) PERTAMAX (Octane 94) and PERTAMAX PLUS (Octane 104)

Progress Todo

- Fuel tank leak decreasing actual fuel.
- Controller support for configuration menu
- PREMIUM, PERTAMAX AND PERTAMAX PLUS will have different prices and different effects on your engine,
- Adding animation (spawning a mechanic) changing your oil when you change your oil at gas stations,
- Adding animation (spawning a friend) to get you a jerry can when you ran out of fuels,
- More consumable parts (Spark plugs, Air cooler, Brake shoe pads, etc).

3. CONTRIBUTORS

We would be very glad if all of you can also contribute to this mods. If you do like this mod you can contribute by put comments, hit Like button, Rate us and also follow us on GTAV-mods.com to make sure you will get notification on every updates since there is still a lot of things that we will put into this mod.

If you like this mod even more, you can also donate us via Paypal. If you're Indonesian you can also donate for //mrchazta personally by mendonasikan pulsa simpati di nomor 082134848863. You also can contribute by uploading video of this mod.

Further we will make this mod translated into any languages. So if you want to help us translating this mod you can contact us and we will send you the vanilla script file to be translated. We intend this mod translated to any languages with no limitations.

Our goal is just to make the most complex and realistic Grand Theft Auto fuel mod ever and we would never did that without all of your supports.

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Donators:

- Rappo
- Danilatan

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Video uploader:

- 1feihu
- Lipskamafia
- Danilatan
- GTAV-Mods.com

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Translator:

- Bahasa Indonesia //mrchazta
- English US 1feihu
- Russian ???
- Japanese ???
- Chinese ???
- Other languages ???

4. TASK BEFORE ASK

---PRIMARY, you MUST:

- Keep in mind that all of Mod programmers are intend to upload the working Mods,
- Keep in mind that before any Mods released and you can download it, the website is checking and testing it first for viruses and any other aspects,
- Have LATEST .LUA, ScriptHookVDotNet Crosire and ScriptHookV Alexander placed inside your GTAV installation folder,
- Have "NATIVEUI" placed on your "GTAV/script" folder
- Have "VC Redist 2013" and "VC Redist 2015" installed on your system,
- Keep in mind that Rockstar has blocked the game to be mod-able in latest GTAV Patch and sadly if you want to enjoy the mods you have to downgrade your game version (You can search this on GTAV forums)

---SECONDARY, you BETTER:

- Not forget to update your VGA driver and it would be better if you have the latest version
- Have vital update of your version (ex:kbxxxx) for windows user to make sure everything is running fine as some VC Redist version needs some system update,
- Have Netframework 3.5, 4.0, 4.5, 4.5.1, 4.5.2, and 4.6. installed on your system

---OPTIONAL, you can also TRY:

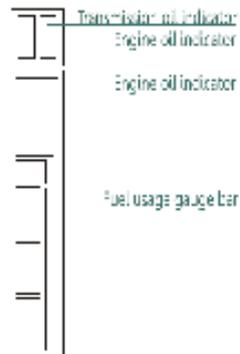
- remove all any other .LUA mods then try to install any mods alone there and see what is happening then.
- To load the game via SAVE GAME from MENU (not restart the game) if any case of mods are not loaded properly (this sometimes happens).
- To Exit the game, restart your system (to free up some memory load) and start your game normally.

5. INTRODUCTION

- Over 290 vehicles are independently customizable fuel stats,
- This is the first GTA fuel mod that also contains FUELS, ENGINE OILS, TRANSMISSION OIL, & OTHER CONSUMABLE PARTS,
- This the first GTA fuel mod that CONTAINS 7 DIFFERENT FUELS split between PETROL, DIESEL, ION, 2TAK, AVTUR, AVGAS & MINYAK TANAH,
- This the first GTA fuel mod that makes every single pumps at each in-game gas stations provide different kind of fuels,
- PETROL is for general cars
- DIESEL is for Trucks, Busses, Trailers, and some SUV's,
- ION is for hybrid cars,
- 2TAK is for bikes,
- AVTUR is for planes,
- AVGAS is for Helis,
- MINYAK TANAH is for Boats,
- You can choose and buy amount of fuels as you intended,
- You can change engine and transmission oil at any gas stations,
- If you forgot to change your oil you will get engine health degrade,
- You can change global setting by accessing configuration menu.
- Indicator HUD contains fuel state bar, engine and transmission oil quality state and fuel consume gauge.
- Diesel Vehicles are usually have larger tank capacity,
- Diesel fuel are intend to be more cheap than other fuels
- Hybrid cars are more fuel-consumeless but the Ions are more expensive than diesels and gasolines.
- 2Taks fuels are intended to be more expensive than gasolines since in real life we need to mix gasoline with oil to have 2 Taks,
- Avturs and Avgases are more expensive than any other fuels,
- Open LUA file with notepad++ to edit vehicles stats independently.

6. MANUALS [Some of the images maybe outdated with the latest version]

- Get into any vehicles and you will see Fuel indicator HUD



- Gas stations (Gasolines, Diesel fuels, 2Taks and Ions pumps are marked with "white car" icon on your map,
- Avtur stations marked by "white plane" icon,
- Avgas stations marked by "white heli" icon,
- Minyak tanah stations marked by "white boat" icon,
- To do refuel just go to any stations and a Refuel menu logo will appears and Press E [Keyboard] and X/A [controller] to enter refueling menu.
- When refueling menu appears:
 - Press W or S (Keyboard) or LEFT ANALOG (Controller) to navigate Up and Down,
 - Press A or D (Keyboard) or LEFT ANALOG (Controller) to set amount fuel to buy [only
- when cursor is at "Fuel",
 - Press E [Keyboard] or A/Cross [Controller] to enter
 - Press Q (Keyboard) or RB/R1 (Controller) to exit refueling menu,

- When inside any vehicle pressed (LShift + LCtrl + C) to enter configuration menu and a menu like this below will appears:



- When this menu appears:
 - Press A S D W to navigate the cursor,
 - To adjust Fuel HUD indicator just navigate to "HUD Position" and use "NumPad 1, 2, 3 and 5" to adjust.
 - To save and back to the game just point the cursor to "Accept" button and press E.
 - You can configure every aspect of this game with this menu as you see fit.
 - However to keep this mod realistic and balanced we put a limitation for some configuration items.
- If you run out of fuel you can just press H to buy fuel for double price,
- You can also refuel your vehicle with jerry can. to do this you just need to pour your jerry can near your vehicle.
- You also can adjust how much a full jerry can can refuel your vehicle inside the config menu.

7. INSTALLATION

Just copy this file into "Script/Addins" folder inside your game installation folder.

If you can't find any "Addins" folder inside your game then you should read point 4 TASK BEFORE ASK.

8. VERSIONS HISTORY

- [NEW] Engine health affects fuel consume
- [NEW] More damage = more consume
- [NEW] Configurable menu
- [FIXED] Hybrids and Diesels refueling at gas pumps (thanks @sn4tch for reporting)
- [NEW] over 200 vehicles identifier has been remapped (it was pain in the ass, but now no more flickering)
- [NEW] New vehicle identifier engine (fixed flicker refuel menu)
- [NEW] HUD Color chooser
- [NEW] HUD color Green, Red, Blue, Orange, Purple, and Black & white.
- [NEW] Press "Ctrl Shift C" to bring config menu,
- [NEW] Press "Space + A S W D" to adjust HUD,
- [NEW] Press "Shift + A D" to select between HUD colors,
- [NEW] Just drive your vehicle forward to confirm (or press the same for menu),
- [NEW] New hud layout composition (on top of HUD, left for engine oil state, right for trans oil state)
- [NEW] Oil HUD turning ORANGE means you have to more alert to change oil,
- [NEW] Oil HUD turning RED means your oil is degrading your vehicle health,
- [NEW] New Fuel Consume Gauge (a tiny bar that goes up and down)
- [NEW] FCG goes down means less-consume, Up means more consume,
- [NEW] Add 1 gas station (3 pumps) at desert,
- [FIXED] jerrycan refueling (i forgot that the code for this has been deleted before)
- [FIXED] sandy shores gas station 4 pumps are too close (caused triple menu appears)
- [FIXED] I forgot some few fixes, but im sure it was more that 5 fixes.
- [NOTE] please try NOT to go out while refueling (i still can't find what cause the bug, yet)
- all add-on vehicles (Cars, bikes, heli, and planes) now are globally customizable
- that means if you have more than 1 add on cars once you change the stats it will also affects the other cars
- if you want to make your favorite add-on cars independently customizable you can contact me via email
- my email is mrchazta@outlook.com
- [NEW] Different oil system for planes & Helis
- [NEW] Brand new fuel consume script (more realistic)
- [NEW] Vehicle health procentage now affecting oil condition

- [NEW] just found and added new strong codes that recognize ALL ADD-ON CARS, BIKES, PLANES AND HELIS WITH NO EXCEPTION AT ALL
- [NEW] all add-on CARS, BIKES, PLANES, AND HELIS now are globally customizable
- [NEW] all vanilla cars that not listed as customizable and listed into any fuel list will auto-set to addon cars
- [FIXED] Some cars not detected at some gas stations
- [FIXED] menu says out of fuel but fuel price still appears (diesel and hybrids)
- [FIXED] Grand senora desert3 gas and diesel pumps too close (caused double menu appears at gas stations)
- [FIXED] Grand senora desert2 gas and diesel pumps too close (caused double menu appears at gas stations)
- [FIXED] diesels and hybrids cars cant refuel at middle and northern map part gas stations
- [FIXED] refuel menu flicker in cop cars, busses, suv's.
- [POSSIBILITIES]
- It still possible that refuel menu flickers in some vehicles
- for above needs total major changes on vehicles tracing methods and that is absolutely pain in the ass, but i'll working on it)
- [NEW] Controller Support
- [NEW] Add ION FUEL for HYBRID VEHICLE
- [NEW] Add new feature ION PUMPS at gas stations
- [NOTE] You can only refuel HYBRID Vehicles on ION PUMPS at gas stations
- [NEW] different Engine oil prices for GAS, DIESELS, HYBRIDS, IONS, AVTURS, AVGASES, 2TAKS, MINYAK TANAH vehicles
- [NEW] different Transmission oil prices for GAS, DIESELS, HYBRIDS, IONS, AVTURS, AVGASES, 2TAKS, MINYAK TANAH vehicles
- [NEW] Add DIESEL FUEL for Trucks, Buses and some SUV's
- [NEW] ALL TRUCKS BUSES & SUV's NOW HAVE CUSTOMIZABLE FUEL STATS
- [NEW] Add new feature DIESEL PUMPS at gas stations
- [NOTE] You can only refuel DIESEL VEHICLE on DIESEL PUMPS at gas stations
- [NEW] different fuel prices for seven kind of fuels
- [NEW] Customizable fuel prices for seven kind of fuels
- [NEW] New memory engine
- [NEW] Refueling with jerry can

- [NEW] AVGAS STATIONS
- [NEW] AVTUR STATIONS
- [NEW] ALL HELIS NOW HAVE CUSTOMIZABLE STATS
- [NEW] ALL PLANES NOW HAVE CUSTOMIZABLE STATS
- [NEW] ALL BIKES NOW HAVE CUSTOMIZABLE STATS
- [NEW] ALL CARS NOW HAVE CUSTOMIZABLE STATS
- [NEW] New buy menu at every stations,
- [NEW] New script engine for fuel consumes (now more realistic)
- [NEW] Health indicator replaced with consumption indicator (Black means less, RED means more consume)
- [NEW] Add 5 new gas stations
- [NEW] Refueling speed now use tank cap sensor procentage.
- [NEW] Fuel fluctuative price now more realistic,
- [NEW] Car stats now tweaked more balanced.
- [NEW] Press "LShift + A or D" to speed up menu slider.
- [TWEAK] To refuel you have to be more close to pumps.
- [TWEAK] Hybrids gas pumps replaced with petrol (for now) (this caused you can't refuel on some gas stations)
- [NOTE] If there is any of your favorite cars not listed as customizable, comment me.
- [NEW] Vehicle health decreasing as we use the vehicle
- [TWEAK] Oil quality now decreasing slightly fast than prev
- [FIXED] Not working on some game versions
- [FIXED] Decreased bug possibilities on Add-on cars
- [FIXED] All reported bugs has been terminated

- [FIXED] Fuel=0 and get to the same veh type fuel still=0
- [FIXED] some gas stations don't operate properly
- [FIXED] Buggy on add-on cars
- [NEW] Press LeftCtrl+C (inside-veh) to adjust HUD position
- [NEW] Config stations closed on/off (inside-file)
- [FIXED] Transmission oil refill progress stuck at 0
- [FIXED] icon now replaced with car-icon instead of "A" (for debug mode)
- [NEW] Gas stations now can run out of petrol stock
- [NEW] HUD now shows paid \$ and liter fuel decreased as refueling % increased
- [FIXED] Run out of fuel and when inside new car gas=empty

- [FIXED] get into same veh and gas won't decrease
- [TWEAKED] More balanced refueling & refilling time
- [TWEAKED] Some new engine codes
- [FIXED] I forgot to put fuel indicator on while at gas stations
- [FIXED] Still can refilling oil while refueling
- [TWEAKED] a lot of things now more balance
- [NEW] Fully new script engine
- [NEW] Interactive menu order at gas stations
- [NEW] Simple health engine indicator
- [NEW] Engine oil feature
- [NEW] Transmission oil feature
- [NEW] Fuel price is fluctuative
- [NEW] Customizable each car Engine oil capacity
- [NEW] Customizable each car Transmission oil capacity
- [NEW] Oil quality is degradeable over time
- [NEW] Oil quality below 50% affect your veh health
- [NEW] Engine & trans oil qty below 50% got double damages
- [NEW] Simple animation for oil changing
- [NEW] Customizable each car fuel consumes
- [NEW] Customizable fuel refueling time

- [NEW] Customizable time engine oil changing
- [NEW] Customizable time trans oil changing
- [NEW] Customizable fuel price
- [NEW] Customizable engine oil price
- [NEW] Customizable trans oil price
- [NEW] Max 6 cars fuel state inside memory (for now)
- [NEW] Call for service if run out of gas (not jerrycan)
- [NEW] Not paying the fuel service means trouble
- [NEW] Only work with land vehicles (for now)