

NIDAAMKA ISKU DIRKA GAAS EE ISKU DANBEEYA:

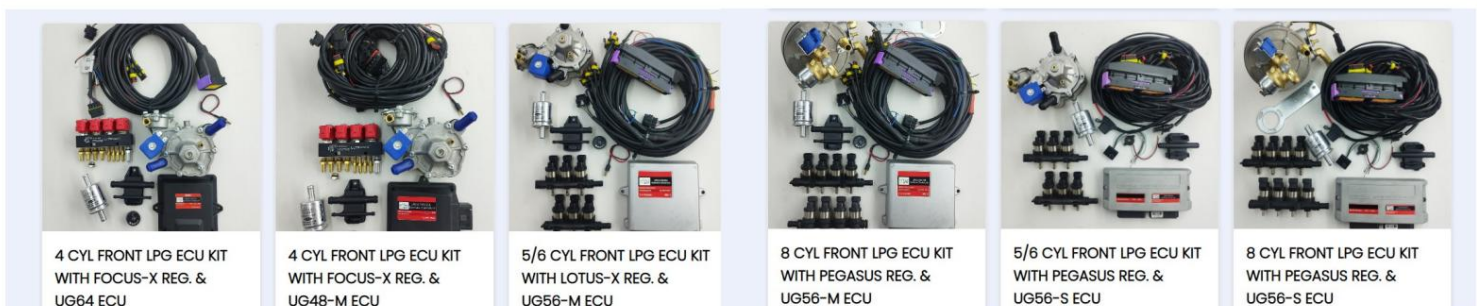
Waa barta ugu dambaysay ee la gaarey beddelka LPG. Farqiga ka duwan hababka beddelka LPG kale, gaar ahaan nidaamyada isku xigxiga, waxay ku jirtaa xaqiiqda ah in nidaamka LPG ay gacanta ku hayso ECU (Unugga Xakamaynta Korantada) oo la mid ah kan laga helo baabuurta shidaalka. ECU waxay xisaabisaa cadadka iyo wakhtiga gaaska loo dirayo dhululubo kasta si loogu duro. Qalabkayagu waxa ay diyaar u yihiin baabuurta u dhaxaysa 3-dhululubo ilaa 8-dhululubo matoorada turbo.

- [Qalabka buuxa ee nidaamyada gaaska](#)
- [Qalabka yar ee Nidaamyada Gaaska](#)
- [Unugyada Xakamaynta Elektarooniga ah \(ECU\) SETS](#)
- [Unugyada Xakamaynta Elektarooniga ah \(ECU\) ee 4/6/8 Cyl. leh ama aan lahayn OBD](#)



1. **Naqshadaynta ECU ee Khabarada:** Ultragas ECUs PCB Cards iyo software-yada waxaa naqshadeeyay injineerada warshadaha baabuurta.
2. **Diiwaanka Raadraaca La Xaqiijiyay:** Iyada oo leh summada ULTRAGAS ECUs iyo qaybaha, kumaankun baabuur oo adduunka oo dhan ah ayaa sii socda 20 sano sida caddayn toos ah ee kalsoonida.
3. **Qaybaha Gaarka ah ee Gawaarida:** Dhammaan ECU's Qaybaha Gaarka ah ee la xushay ayaa loo adeegsaday dhammaan si waafaqsan baabuurta heerarka. Guushaan waa natiijada isku dhafka tayada, software-ka, naqshadeynta, iyo hagaajinta oo leh qaybo diiradda saaraya baabuurta.
4. **Khibradda Qalabaynta Gawaadhida:** Badeecadahayada elegtarooniga ah kaliya ma dammaanad qaadayaan hagaajinta saxda ah iyo xakamaynta laakiin sidoo kale hubi waxqabadka gaadhi ee mudada dheer waara oo cajiib ah iyada oo loo marayo habayn fudud.
5. **Shaqada sare ee ECU:** Unugyadeena kontoroolka Elektarooniga ah ee la xoojiyey (ECU) waxay si iskood ah u hagaajiyaan, meeshana uga saarayaan cilladaha. arrimaha laambada tilmaame ee baabuurta rakiban.
6. **La jaanqaadka Matoorada Awood-sare leh:** Gaar ahaan loogu talagalay 5, 6, iyo 8-dhululubo baabuurta waxqabadka sare leh.
7. **Is-dhexgalka OBD II Xirmooyinka:** La gaarey kaamilnimo xirmooyin OBD II ah oo si aan fiicneyn ula midey baabuurta.
8. **Isku-habaynta Isku-dhafka ah** ee ku habboon Gawaadhida Durida Kooxda
9. **Isbeddel toos ah oo** loogu talagalay cirbadaha dheeraadka ah,
10. **Hagaajinta Kobcinta Shidaalka** inta lagu jiro dardargelinta,
11. **La jaanqaadi kara Gawaadhida** Calaamadaha Daciifka ah ee Kacaannada Hoose

- [Xargaha xargaha](#)
- [Dareemayaasha MAP](#)
- [Beddelka gaaska-batrootka ee duritaanka gaaska](#)
- [Fiilada Interface](#)



QAABAHA LOOGU TALAGALAY NIDAAMKA GAAS LAGU DURAY:

Nidaamiyayaasha LPG

Nidaamiyayaasha Ultragas ama loogu yeero sida uumiga ayaa bixiya jawi kuleyliyaha ugu fiican ee lagama maarmaanka u ah in la soo saaro dareeraha LPG ee soo socda. laga bilaabo taangiga oo si cajiib ah u hagaajiya cadaadiska LPG qaab gaas ah iyadoo loo eegayo cadaadiska ku jira manifoldka (valve ceejinta). Intaa waxaa dheer, iyada oo ay ugu mahadcelinayso dareemayaashayaga heerkulbeegga ee maamulaha, waxay go'aaminaysaa heerkulka baabuurku u baahan yahay inuu gaaro u gudubka gaaska, hubinta xiriirka ECU.

Waxaan haynaa noocyo kala duwan oo qaab-dhismeedyo kala duwan iyo maamulayaal karti sida **Arda Regulator** ama (**Monza, Focus, Lotus**) qoys isku mid ah, **Tiger/Liger** Nidaamiyayaashayada cusub ee is haysta oo awood leh iyo sidoo kale **Pegasus Regulators** oo leh awood aad u sareysa.

Faa'idooyinka:

- Umi heer sare ah oo joogto ah,
- 1-2- Cadaadis la hagaajin karo,
- Dareemka heerkulka,
- 3-4- Valve Relief Cadaadis



PEGASUS LPG REGULATOR



ARDA X LPG REGULATOR



LIGER X LPG REGULATOR



TIGER X LPG REGULATOR



FOCUS X BLACK LPG REGULATOR



Monza X LPG REGULATOR

Injectors Ultragas Injectors waxay bixisaa waxqabad aad u fiican oo leh furitaan degdeg ah iyo xiritaanka cadaadiska isbeddelka. Waa

kor u qaadida shakhsiga iyo isku imaatinka la taaban karo iyo degdega ah ee nozzles durdurada waxay bixiyaan faa'idooyin la taaban karo inta lagu jiro beddelka. Habka nadiifinta ayaa hubinaysa ilaalinta muddada dheer ee maalgashigaaga. Waxay la socotaa dammaanad 100,000 km ah.



APOLLO 2 CYLINDER INJECTOR



APOLLO 3 CYLINDER INJECTOR



APOLLO 4 CYLINDER INJECTOR



VEGA 3 CYLINDER INJECTOR
Brand: ULTRAGAS



VEGA 4 CYLINDER INJECTOR
Brand: ULTRAGAS



SOLARIS 4 CYLINDER INJECTOR



SIRIUS SINGLE INJECTOR



ASTRO SINGLE INJECTOR

QAABAHA LPG EE NIDAAMKA DHAQANKA AH LPG/CNG:

Nidaamiyayaasha LPG ee Nidaamyada Gaaska Dhaqanka

Baahiyaha macaamiisha waxaa sida ugu wanaagsan ula kulma **Orion** iyo **Draco Regulators (Vaporizers)** 3 awoodood oo kala duwan. Naqshadooda aadka u gaarka ah waxay u oggolaaneysaa in si fudud loogu rakibo meel kasta oo mashiinka ah. Diaphragm-ka gaarka ah ee loo isticmaalo wax soo saarka ayaa kor u qaada waxtarka shidaalka waxayna kordhisaa cimriga maamulayaasha.

Isticmaalka: Waxaa loo isticmaalaa duritaanka hal-dhibcood, qalab beddele-qalab leh, iyo baabuur karbuureed ah.

Cadaadiska ugu badan ee gelitaanka: 45 bar Cadaadis nidaaminta heerka koowaad: 0.6 bar awoodda gariiradda: 14 watts



DRACO T1 LPG REGULATOR



ORION L2 LPG REGULATOR



ORION-L1-SUPER-PL LPG REGULATOR



ORION L1 LPG REGULATOR

Elektrooniga ee Nidaamyada gaaska dhaqameed

Emulators: Cutubkani waxa uu ku shaqeeyaa habka gaasta matoorka isaga oo xakameynaya socodka batroolka iyo labada matoorka. Waxay u dirtaa calaamado lagu xakameynayo unugyada iyadoo lagu saleynayo habka uu matoorku ku socdo, isagoo ku wargelinaya unugyada kale ee kantaroolka.

Beddelka: Waa furaha ku rakiban qaybta darawalka oo leh ikhtiyaarka ku shaqaynta iyo ku shaqaynta shidaalka ama LPG. Waxa ay awood u siinaysaa ka gudbida shidaalka una gudubta LPG ama LPG una gudubta shidaalka, waxay muujisaa heerka gaaska (LPG) heerka gaaska ee taangiga LPG, waxayna hubisaa in gaaska ama gaaska uu sii xirnaado marka loo baahdo.



Xirmada danbe (VALVEs iyo qalabyo badan):

- Multivalves
- Guryaha iyo dabooyada gaaska oo adag
- Qaybaha dayactirka ee multivalve

Marka uu baabuurku istaago ama ay dhacdo shil, CUTUBKA KONTOROLKA ELECTRONICS wuxuu si toos ah u xirayaa waalka solenoid ee unugga multivalve, gaaska gaaska ee uumiga, iyo durayaasha. Intaa waxaa dheer, dusha sare ee multivalve ee taangiga LPG, waxaa jira valve badbaado ah oo ka furmaya 26 baararka, dhalaaliya 120°C inta lagu jiro dabka, sii daaya gaaska, oo ka hortagaya qarax, oo ay weheliso FUSKA THERMAL. Haddii ay dhacdo in ay dillaacdo tuubada ka soo baxda taangiga ee hore u sii socota marka shilku socdo, waxaa jira VALVE KA BADAN, kaas oo jaraya socodka gaaska.

Valfyadayada kala duwan waxay si guul leh uga gudbeen imitaxaanada BON FIRE ee lagu sameeyay ololka 600°C oo leh taangiga LPG buuxa.

TUBEESHAHA IYO TUBEESHAHA:

- Tuubooyinka Thermoplastic iyo qalabyada
- Tuubooyinka Copper/Aluminium ee LPG
- Tuubooyinka nidaamyada gaaska
- Xidhiidhiyayaasha tuubada thermoplastic



ALADAHADA DACWADDA:

- Dhibcaha buuxinta caadiga ah ee LPG
- Barta buuxinta ee ku rakibida albaabka shidaalka
- Adapters

ADEEGAYAASHA:

- Xidhiidhiyayaasha T ee qaboojiyaha
- Adapters Power (1 ama 2 wax soo saar)

FASTENERS LPG/CNG:

- Xirmooyinka (xajinta)
- Cajalado loogu talagalay taangiga iyo xoojinta
- Xadhigyada fiilada
- Kabaha fiilada

SOLENOID VALVES:

- Loogu talagalay LPG:
- Waa waalka elektromagnetic-ka lagu hago ee ku dhex yaal taangiga LPG iyo uumiga (habeeyaha). Waxay jaraysaa LPG-ga socodka marka matoorku aanu shaqaynayn ama marka uu shidaal ku shaqaynayo.
- Shidaal
- Waa waalka korantada ee la dhigo inta u dhaxaysa shidaalka otomaatiga ah iyo karbuuretarka, mas'uul ka ah awood ama jarista qulqulka shidaalka.

Qalabka dayactirka:

- Xirmooyinka dayactirka yareeya duritaanka ee LPG
- Xirmooyinka dayactirka yareeya cirbadeynta ee CNG
- Xirmooyinka dayactirka duritaanka gaaska
- Xirmooyinka dayactirka Valve iyo yareeya
- Suxullada biyaha iyo meelaha gaaska laga soo saaro ee wax-yareeya
- O-rings
- Nozzles iyo adapters ee cirbadaha

Haamaha LPG

- Nooca cylindrical
- Gudaha Toroidal
- Dibadda Toroid

