Isikhokelo sezixhobo zolawulo lwesithuthi

Funda, uphinde ujonge uze uprinte izinto zokufunda ngolwimi lwakho. Akufuneki ubhalise.

I-K53 CLLT sisixhobo esizimeleyo sokulungiselela uvavanyo. Imibuzo nezikrini zokuzilolonga azilovavanyo olusemthethweni okanye ibhanki yalo yemibuzo epheleleyo. Amanqaku okuzilolonga awaqinisekisi ukuphumelela.

Amalungu nezilawuli zesithuthuthu

Chonga amalungu esithuthuthu, ufumane isilawuli ngasinye sesandla nesonyawo, uchaze ezisebenza kunye.

Funda umzobo ukwindawo yomqhubi

Sebenzisa umbono womkhweli ohleli ejonge phambili: ekhohlo nasekunene ngamacala akhe. Umthombo ubonisa izithuthuthu nomzekelo onamavili amathathu; chonga ilungu ngomsebenzi nendawo yalo, hayi ngombala okanye imilo yomzimba wesithuthi.

Umzobo oneenombolo uchaza isithuthuthu esinamagiya esibonisiweyo. Incwadi ikhankanya nesikuta sombane, kodwa ayiniki theyibhile yezilawuli okanye inkqubo eyahlukileyo yokusisebenzisa. Musa ukucinga ukuba zonke izikuta zineklatshi, isixhobo samagiya okanye isiqhoboshi sonyawo esibonisiweyo.



Izilawuli ezineenombolo nemisebenzi yazo

- 1 - Isixhobo samagiya: isilawuli sonyawo esibonisiweyo sokukhetha igiya.
- 2 - Iklatshi: isibambo sesandla sasekhohlo esahlula injini kwibhokisi yamagiya, sisebenza nesixhobo samagiya.
- 3 - Izipili zangasemva zasekhohlo nasekunene: jonga izithuthi ezisemva kwesithuthuthu.

- 4 - Isiqhoboshi sangaphambili: isibambo sesandla sasekunene sisebenzisa isiqhoboshi sangaphambili size sikhanyise isibane sokuma.
- 5 - Isibambo sokunyusa isantya: isibambo esijijwa ngesandla sasekunene silawula isantya senjini nokungena kwamafutha kuyo.
- 6 - Iswitshi yezalathisi: ibonisa injongo yokujika okanye ukutshintsha icala.
- 7 - Isiqhoboshi sangasemva: isiqhoboshi sonyawo esibonisiweyo; musa ukusibhidanisa nesibambo sesiqhoboshi sangaphambili.
- 8 - Izibambo zokuqondisa: zilawula icala lesithuthuthu.
- 9 - Itanki yamafutha: yichonge phambi kwesihlalo; ayisosiqhoboshi okanye isilawuli sokuqondisa.

Ukutshintsha amagiya nokulawula isantya

Ukutshintsha igiya kusebenzisa isixhobo samagiya 1 neklatshi 2 kunye. Isixhobo sikhetha igiya; iklatshi lahlula injini kwibhokisi yamagiya. Ukukhankanya isibambo sokunyusa isantya kuphela akuchongi izilawuli zokutshintsha amagiya.

Isibambo 5 sonyusa okanye sehlisa isantya senjini. Indibaniselwano epheleleyo yolawulo lwesantya encwadini sisiqhoboshi sangaphambili 4, isibambo sokunyusa isantya 5 nesiqhoboshi sangasemva 7. Ukunciphisa ukunyusa isantya nokuqhobosha zizenzo ezahlukeneyo, nangona zombini zichaphazela isantya.

Ukuma nomgama wokuma

Ukumisa isithuthuthu, umthombo udibanisa isiqhoboshi sangaphambili 4 nesangasemva 7. Kanye ngaphambi kokuma ngokupheleleyo kongezwa iklatshi 2: izilawuli 2, 4 no-7. Oku kwahlula ukuqhobosha kwisenzo seklatshi esongeziweyo ekupheleni kokuma.

Umgama wokuma uba mde kwindlela emanzi, kwisantya esiphezulu naxa uthwele umkhweli. Zontathu ezi meko ziyawandisa kumzekelo womthombo. Musa ukulindela umgama ofanayo xa nayiphi yazo itshintsha.

Ukujonga, ukwalatha nokutshintsha icala

Izipili 3 zibonisa izithuthi ezisemva kwakho, iswitshi yezalathisi 6 ichaza injongo yakho, izibambo 8 zitshintsha icala. Yimisebenzi eyahlukileyo: ukuvula isalathisi akujikisi isithuthuthu, nokujonga esipilini akulumkisi abanye abasebenzisi bendlela.

Kujiko olubukhali, umthombo uchonga izilawuli 1, 2, 3, 4, 5, 7 no-8: isixhobo samagiya, iklatshi, izipili, iziqhoboshi zombini, isibambo sokunyusa isantya nezibambo zokuqondisa. Ezi zizilawuli ezibandakanyekayo, hayi umyalelo wokuzisebenzisa zonke ngaxeshanye.

Iimeko ezicacisiweyo nophononongo

Umzekelo: ufuna ukwalatha ujiko lwasekhohlo ngelixa ujonga izithuthi ezisemva. Sebenzisa izipili 3 ukujonga neswitshi yezalathisi 6 ukwalatha. Izibambo 8 ziqondisa; azithathi indawo yokujonga okanye yomqondiso.

Umzekelo: umbuzo ubuza izilawuli zokuma, uze ubuze oko kongezwa kanye ngaphambi kokuma ngokupheleleyo. Impendulo yokuqala ngu-4 no-7; eyesibini ngu-2, 4 no-7. Funda inqanaba lesenzo, hayi igama elithi “ukuma” kuphela.

Phononongа: chonga zonke iinombolo ezisithoba ngaphandle kokuqikelela ngenkangeleko; yahlula izilawuli zesandla nezonyawo; yahlula ukujonga, ukunxibelelana, ukutshintsha amagiya, ukuqondisa nokuqhobosha. Cacisa ukuba ubumanzi, isantya nomkhweli ziyitshintsha njani imeko yokuma.

Izilawuli zesithuthi esilula: amagiya esandla nazitshintshelayo

Funda umzobo wezilawuli zesithuthi esilula, wahlule ulungelelwaniso lwamagiya esandla nakazitshintshelayo, unxulumanise isilawuli nomsebenzi wokuqhuba.

Funda umzobo ukwindawo yomqhubi

Funda imizobo yesithuthi esilula ukwisihlalo somqhubi. Ivili lokuqhuba lingasekunene kule mizekelo. Sebenzisa umzobo oneenombolo netheyibhile yamalungu: imizobo yezithuthi ezahlukeneyo ibonisa ukuba iiswitshi nezibambo akufuneki zifane ngemilo okanye ngendawo.



Thelekisa amagiya esandla nawazitshintshelayo

Kulungelelwaniso lwamagiya esandla olubonisiweyo, iiphedali ezintathu yiklatshi 8 ekhohlo, isiqhoboshi 9 phakathi nesinyusi-santya 10 ekunene. Isixhobo samagiya 6 nesiqhoboshi sokupaka 7 zizilawuli ezahlukeneyo. Indawo yephedali ayingomsebenzi wayo: funda zombini.

Ulungelelwaniso oluzitshintshelayo lunesiqhoboshi 9 nesinyusi-santya 10, kodwa alunayo iphedali yeklatshi 8. Isikhethi samagiya sisebenza ngokwahlukileyo kwisixhobo samagiya esandla. Musa ukufaka iklatshi elingekhoyo emzobeni kuba nje iinombolo zisuka ku-7 ziye ku-9.

Umthombo uthi ezinye izithuthi zinesiqhoboshi sokupaka esisetyenziswa ngonyawo. “Isiqhoboshi sokupaka” sichaza umsebenzi; “isiqhoboshi sesandla” asithethi ukuba sonke isithuthi sinesibambo sesandla. Yahlula iphedali okanye isibambo kwisiqhoboshi esiqhelekileyo 9.



Izilawuli ezineenombolo nemisebenzi yazo

- 1 - Isipili sangasemva esiphakathi: jonga izithuthi ezisemva ngesipili esingaphakathi.
- 2 - Iwiper: isula ifestile yangaphambili, kuquka xa imvula inciphisa ukubona.
- 3 - Izipili zangaphandle: jonga izithuthi ezisemva nasemacaleni; khetha esasekunene xa ujonga ngasemva ngasekunene.
- 4 - Ivili lokuqhuba: litshintsha icala lesithuthi.
- 5 - Iswitshi yezalathisi: ichaza injongo yokujika ekhohlo okanye ekunene okanye yokutshintsha icala.
- 6 - Isixhobo okanye isikhethi samagiya: sikhetha igiya; ukutshintsha amagiya esandla kubandakanya iklatshi 8.
- 7 - Isiqhoboshi sokupaka: sibamba isithuthi esipakiweyo singashukumi.
- 8 - Iklatshi: linceda ukufaka okanye ukukhupha igiya kwisithuthi samagiya esandla; alikho kulungelelwaniso oluzenzekelayo.
- 9 - Isiqhoboshi esiqhelekileyo: isilawuli sonyawo esinciphisa isantya okanye esimisa isithuthi.
- 10 - Isinyusi-santya: isilawuli sonyawo esonyusa isantya; asisosilawuli sesandla.
- 11 - Ihuta: lilumkisa abanye abasebenzisi bendlela ukunceda ukuthintela ukungqubana.

Ukutshintsha amagiya nokulawula isantya

Kwisithuthi samagiya esandla, ukutshintsha kusebenzisa isixhobo samagiya 6 neklatshi 8 kunye. Isixhobo sikhetha igiya, iklatshi lincede ukufaka okanye ukukhupha. Umzekelo wesithuthi esilula uchonga iklatshi njengolawulo oluthintela injini ukuba icime kanye ngaphambi kokuma ngokupheleleyo.

Jonga isipili esiphakathi 1 ngaphambi kokutshintsha isantya okanye ukuqhobosha, njengoko ifuna imizekelo yomthombo yesithuthi esilula. Isiqhoboshi 9 siyacothisa okanye simise; isinyusi-santya 10 sonyusa isantya. Ukujonga ngasemva kunceda uqonde imeko yezithuthi ngaphambi kotshintsho.

Ukumisa nokupaka

Sebenzisa isiqhoboshi esiqhelekileyo 9 ukucothisa okanye ukumisa isithuthi esihambayo, kuquka kumbuzo womthombo wokuma okungxamisekileyo. Sebenzisa isiqhoboshi sokupaka 7 ukusibamba singashukumi emva kokupaka okanye ukusishiya singenamntu. Musa ukubhidanisa ukumisa nokusibamba sipakiwe.

Umgama wokuma uba mde kwindlela emanzi nakwisantya esiphezulu. Umkhweli okanye umthwalo nawo uyawandisa kwimizekelo yomthombo. Musa ukulindela umgama ofanayo emva kokutshintsha nayiphi kwezi meko.

Ukujonga, ukwalatha nokutshintsha icala

Ngaphambi kokutshintsha icala, jonga ngezipili ezifanelekileyo uze usebenzise isalathisi 5 ukuchaza injongo. Ivili 4 ke litshintsha icala. Isipili esiphakathi 1 nezipili zangaphandle 3 zidibene zifeza imfuneko yomthombo yokujonga ngasemva nasemacaleni.

Kujiko olubukhali ngesithuthi esilula samagiya esandla, umthombo ubala 1, 4, 6, 8, 9 no-10: isipili esiphakathi, ivili, isixhobo samagiya, iklatshi, isiqhoboshi nesinyusi-santya. Funda igalelo ngalinye. Uluhlu alungomyalelo wokucinezela zonke iiphedali ngaxeshanye.

Iimeko ezicacisiweyo nophononongo

Umzekelo: imvula iqala xa kufuneka ucothe. Iiwiper 2 zisebenza kwifestile yangaphambili, isipili 1 sinika ulwazi lwangasemva, isiqhoboshi 9 sinciphisa isantya. Umphezulu omanzi wandisa nomgama wokuma. Isilawuli esinye asinakwenza yonke le misebenzi mine.

Umzekelo: usuka kumzobo wamagiya esandla uye kowazitshintshelayo. Isilawuli esingekhoyo yiklatshi 8. Isiqhoboshi 9 nesinyusi-santya 10 zisekhona, nesiqhoboshi sokupaka sinomsebenzi owahlukileyo wokubamba.

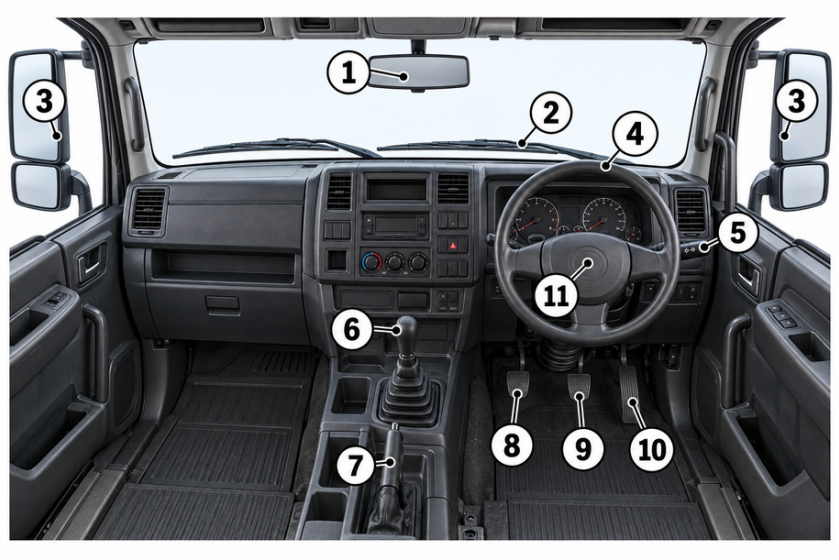
Phonononga: fumana zonke izilawuli ezineenombolo, uchaze iiphedali zamagiya esandla nawazitshintshelayo, wahlule iziqhoboshi eziqhelekileyo nezokupaka, unxulumanise ukujonga, ukwalatha, ukubona nokutshintsha amagiya nezilawuli ezifanelekileyo. Sebenzisa iimeko zomgama wokuma kwimeko epheleleyo.

Izilawuli zesithuthi esinzima: amagiya esandla nazitshintshelayo

Chonga ulungelelwaniso lwekhabhathi neephedali zesithuthi esinzima, uchaze izilawuli zokujonga, ukujika, ukumisa nokubamba isithuthi singashukumi.

Funda umzobo ukwindawo yomqhubi

Funda imizobo yesithuthi esinzima ukwisihlalo somqhubi. Thelekisa umbono wekhabhathi nemizobo yedeshibhodi neephedali. Izipili ezinkulu zangaphandle, izilawuli zokuqondisa neephedali kufuneka zichongwe ngemisebenzi yazo, hayi ngokukopa imilo yedeshibhodi yemoto encinane.

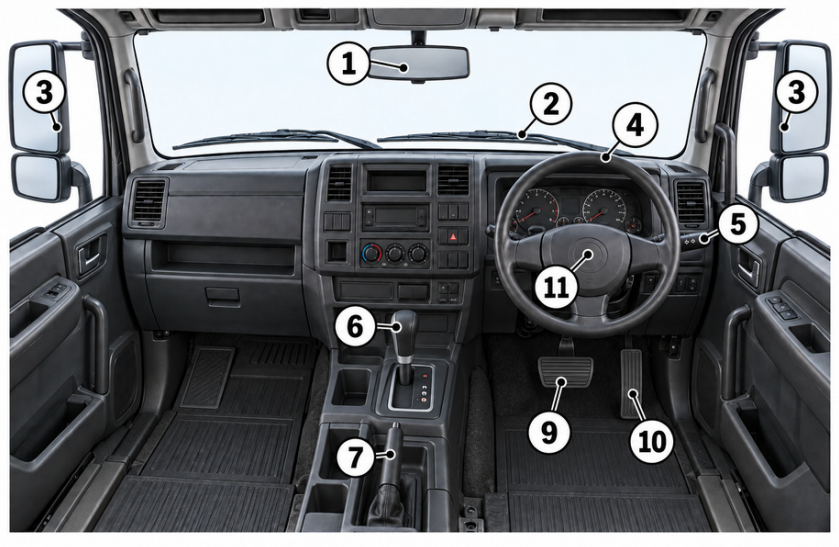


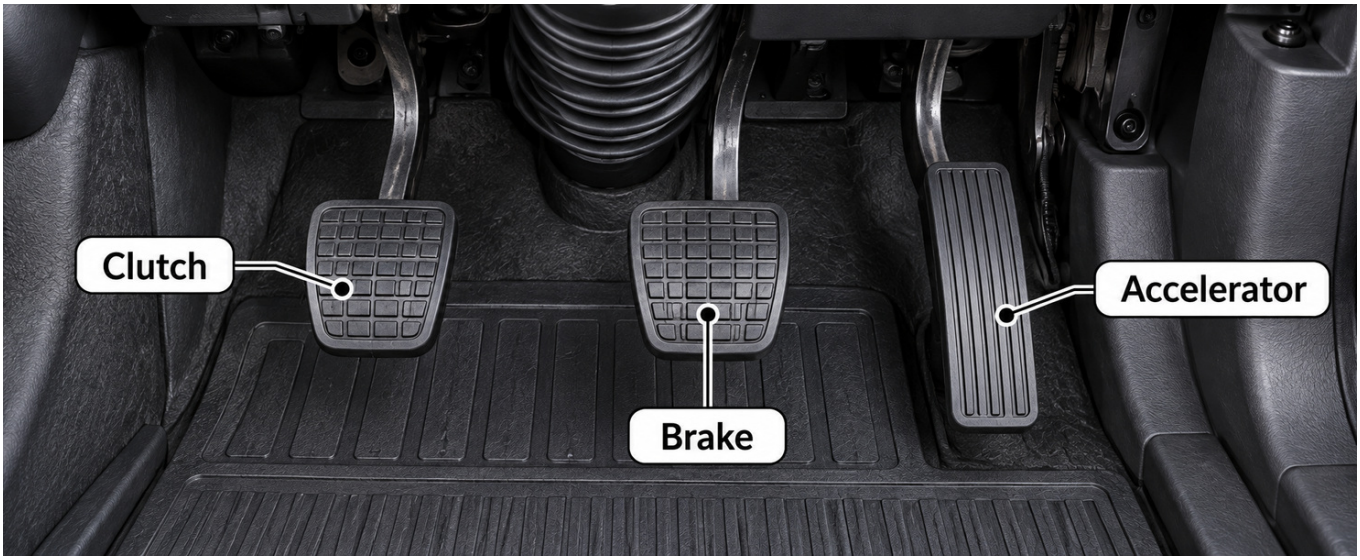
Thelekisa amagiya esandla nawazitshintshelayo

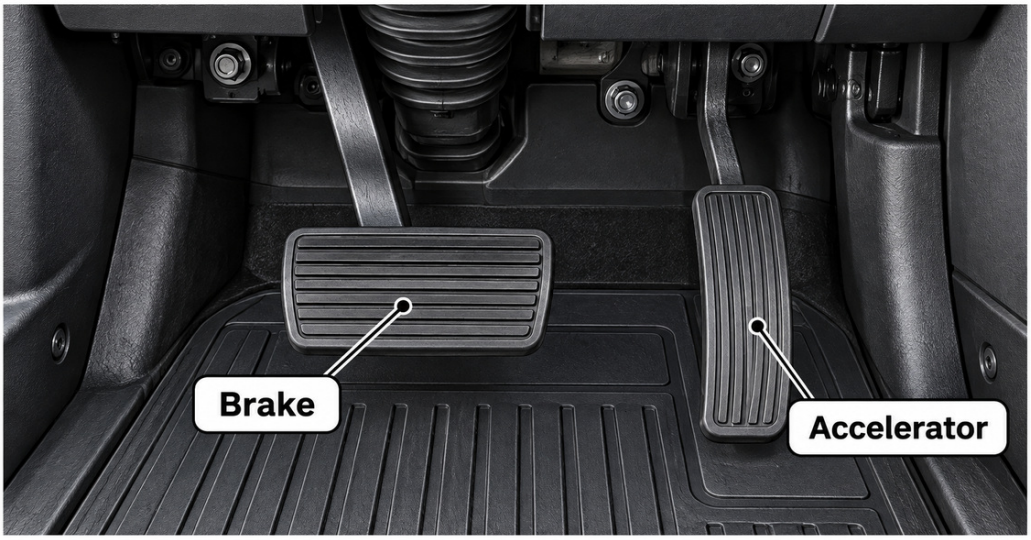
Kulungelelwaniso lwamagiya esandla olubonisiweyo, iiphedali ezintathu yiklatshi 8 ekhohlo, isiqhoboshi 9 phakathi nesinyusi-santya 10 ekunene. Isixhobo samagiya 6 nesiqhoboshi sokupaka 7 zizilawuli ezahlukeneyo. Indawo yephedali ayingomsebenzi wayo: funda zombini.

Ulungelelwaniso oluzitshintshelayo lunesiqhoboshi 9 nesinyusi-santya 10, kodwa alunayo iphedali yeklatshi 8. Isikhethi samagiya sisebenza ngokwahlukileyo kwisixhobo samagiya esandla. Musa ukufaka iklatshi elingekhoyo emzobeni kuba nje iinombolo zisuka ku-7 ziye ku-9.

Umzobo weephedali zesithuthi esinzima samagiya esandla ubonisa iklatshi, isiqhoboshi nesinyusi-santya; owamagiya azitshintshelayo ubonisa isiqhoboshi nesinyusi-santya kuphela. Le ncwadi ayifundisi ukuhlolwa koxinzelelo lweziqhoboshi zomoya, izinciphisi-santya okanye inkqubo yokukhetha amagiya azitshintshelayo. Ezo nkqubo zifuna imfundo yesithuthi esithile.







Izilawuli ezineenombolo nemisebenzi yazo

- 1 - Isipili sangasemva esiphakathi: jonga izithuthi ezisemva ngesipili esingaphakathi.
- 2 - Iwiper: isula ifestile yangaphambili, kuquka xa imvula inciphisa ukubona.
- 3 - Izipili zangaphandle: jonga izithuthi ezisemva nasemacaleni; khetha esasekunene xa ujonga ngasemva ngasekunene.
- 4 - Ivili lokuqhuba: litshintsha icala lesithuthi.
- 5 - Iswitshi yezalathisi: ichaza injongo yokujika ekhohlo okanye ekunene okanye yokutshintsha icala.
- 6 - Isixhobo okanye isikhethi samagiya: sikhetha igiya; ukutshintsha amagiya esandla kubandakanya iklatshi 8.
- 7 - Isiqhoboshi sokupaka: sibamba isithuthi esipakiweyo singashukumi.
- 8 - Iklatshi: linceda ukufaka okanye ukukhupha igiya kwisithuthi samagiya esandla; alikho kulungelelwaniso oluzenzekelayo.
- 9 - Isiqhoboshi esiqhelekileyo: isilawuli sonyawo esinciphisa isantya okanye esimisa isithuthi.
- 10 - Isinyusi-santya: isilawuli sonyawo esonyusa isantya; asisosilawuli sesandla.

• 11 - Ihuta: lilumkisa abanye abasebenzisi bendlela ukunceda ukuthintela ukungqubana.

Ukutshintsha amagiya nokulawula isantya

Umzekelo wesithuthi esinzima uchonga iklatshi 8 njengoncedo lokutshintsha amagiya, ulidibanise nesixhobo samagiya 6 xa ukhetha elinye igiya. Akuthethi ukuba iklatshi lodwa likhetha igiya. Isinyusi-santya 10 sisilawuli sonyawo esahlukileyo esichongwa ngumthombo ekunyuseni okanye ekunciphiseni isantya.

Ukumisa, ukupaka nokuma kwithambeka

Isiqhoboshi esiqhelekileyo 9 siyacothisa okanye simise isithuthi esinzima. Isiqhoboshi sokupaka 7 sithintela esipakiweyo ukuba sishukume; umthombo uchonga no-7 ukuthintela ukubuyela umva xa simile kwithambeka eliqatha. Musa ukusebenzisa isinyusi-santya 10 endaweni yaloo msebenzi wokubamba.

Umzekelo womgama wokuma wesithuthi esinzima ubala izinto ezintathu eziwandisayo: indlela emanzi, isantya esiphezulu nesithuthi esithwele umthwalo. Zontathu ziyasebenza. Ukwazi isiqhoboshi esifanelekileyo akuthethi ukuba isithuthi sima kumgama ofanayo phantsi kwazo zonke iimeko.

Ukujonga, ukwalatha nokutshintsha icala

Kutshintsho olucetywayo lwecala, umthombo wesithuthi esinzima udibanisa ngokucacileyo isipili esiphakathi 1, izipili zangaphandle 3 nesalathisi 5. Ukujonga nokwalatha kwahlukile ekuqondiseni ngevili 4. Isalathisi asinakuqinisekisa ukuba indlela ivulekile.

Kujiko olubukhali ngesithuthi esinzima samagiya esandla, umthombo ubala 1, 3, 4, 6, 8, 9 no-10. Ngokungafaniyo noluhlu lwesithuthi esilula, ubala ngokucacileyo izipili zangaphandle 3. Funda imisebenzi yokujonga, ukuqondisa, amagiya nokulawula isantya; musa ukuthatha uluhlu njengezenzo ezenziwa ngaxeshanye.

Iimeko ezicacisiweyo nophononongo

Umzekelo: isithuthi esinzima simile kwithambeka eliqatha kwaye masingabuyeli umva. Umthombo uchonga isiqhoboshi sokupaka 7 sokubamba. Oku kwahlukile ekuchongeni isiqhoboshi 9 njengeso sicothise isithuthi esihambayo.

Umzekelo: ufuna ukutshintsha icala ngesithuthi esinzima esithweleyo. Chonga izipili 1 no-3 nesalathisi 5 ngaphambi kokwahlula ivili 4 kwizilawuli zamagiya nesantya. Umthwalo nawo sisizathu sokulindela umgama omde wokuma.

Phonononga: thelekisa zombini iindlela zeephedali zesithuthi esinzima; chonga izilawuli zesandla nezonyawo; chaza indibaniselwano yezipili nezalathisi, amagiya esandla, ukuqondisa, ukumisa nokubamba kwithambeka. Musa ukucinga ukuba zonke izithuthi ezinzima zinezixhobo ezifanayo.

Imithombo

Imithombo ihloliwe: 2026-10-16

Department of Transport - SA Learner Driver Manual: Vehicle Components and Controls (amaphepha: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)

https://www.natis.gov.za/images/learners/3_Vehicle_Controls_Manual_v100_Jun_2012.pdf

Funda kwi-intanethi

Amalungu nezilawuli zesithuthuthu
https://k53-app.co.za/xh/study/code-1-vehicle-controls

Izilawuli zesithuthi esilula: amagiya esandla nazitshintshelayo
https://k53-app.co.za/xh/study/code-2-vehicle-controls

Izilawuli zesithuthi esinzima: amagiya esandla nazitshintshelayo
https://k53-app.co.za/xh/study/code-3-vehicle-controls

I-K53 CLLT sisixhobo esizimeleyo sokulungiselela uvavanyo. Imibuzo nezikrini zokuzilolonga azilovavanyo olusemthethweni okanye ibhanki yalo yemibuzo epheleleyo. Amanqaku okuzilolonga awaqinisekisi ukuphumelela.