



Professional HEAVY DUTY

GNH 18V-35

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

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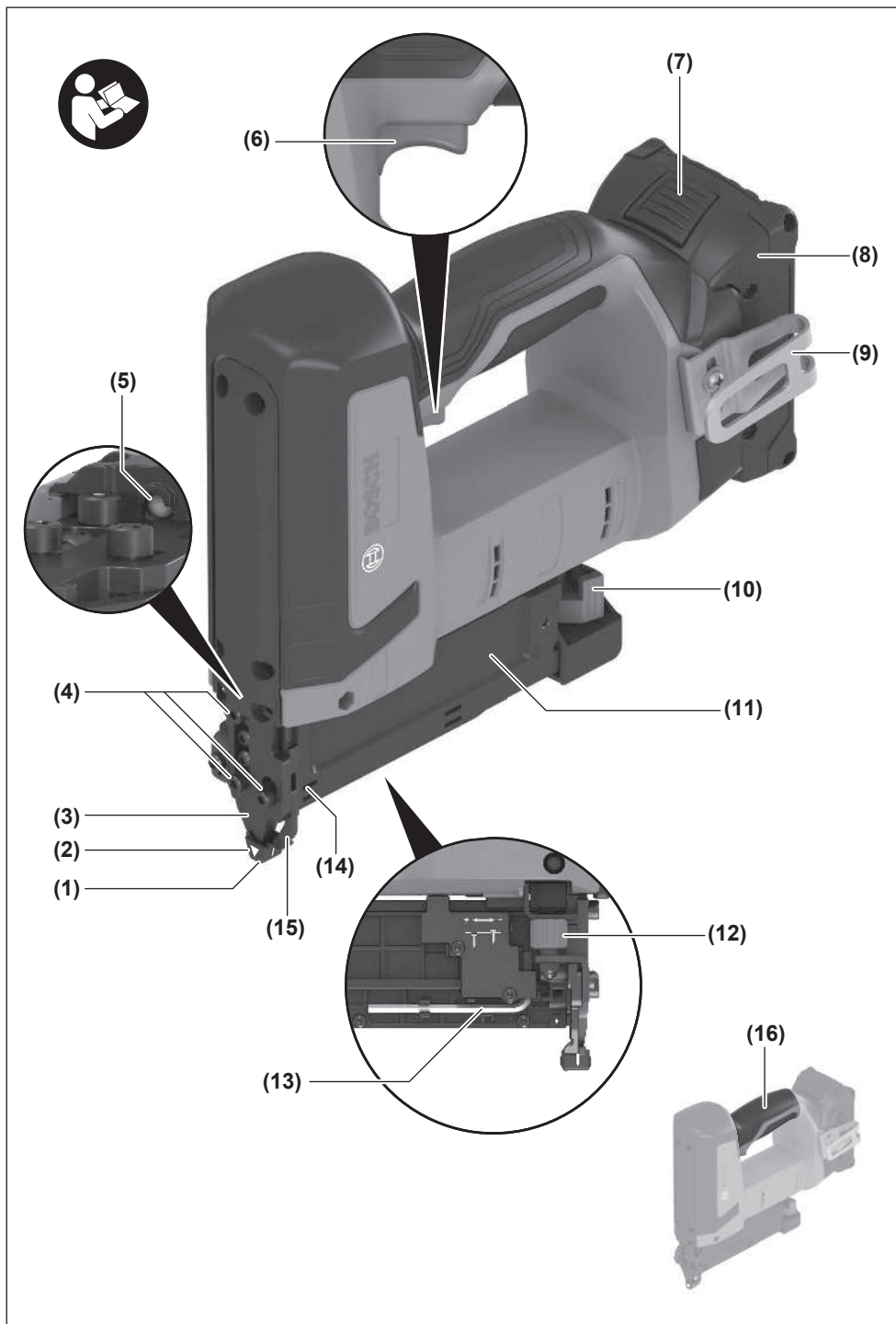


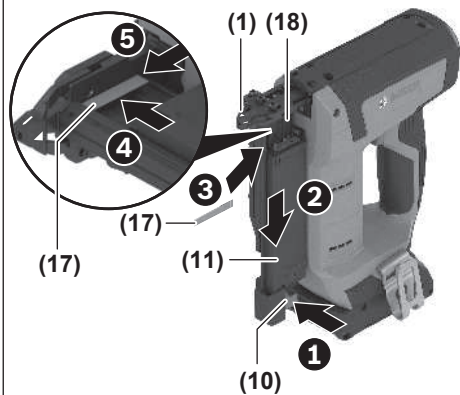
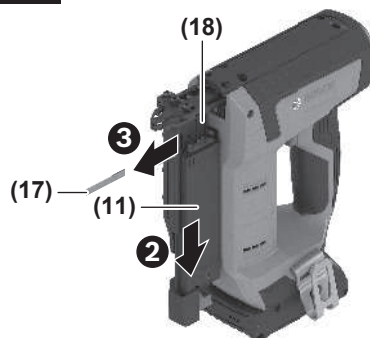
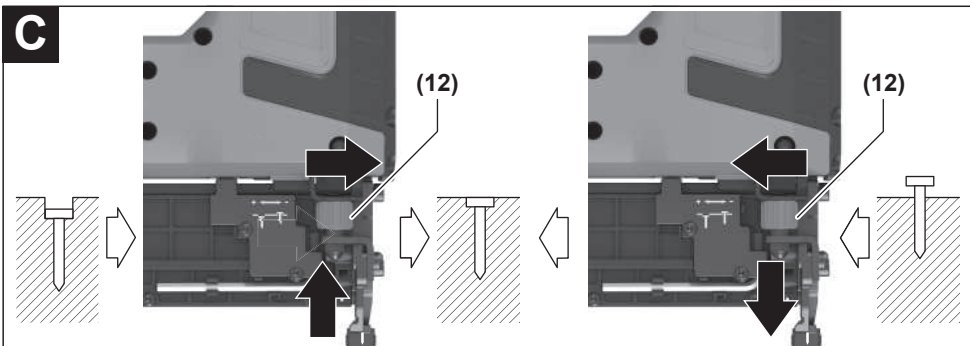
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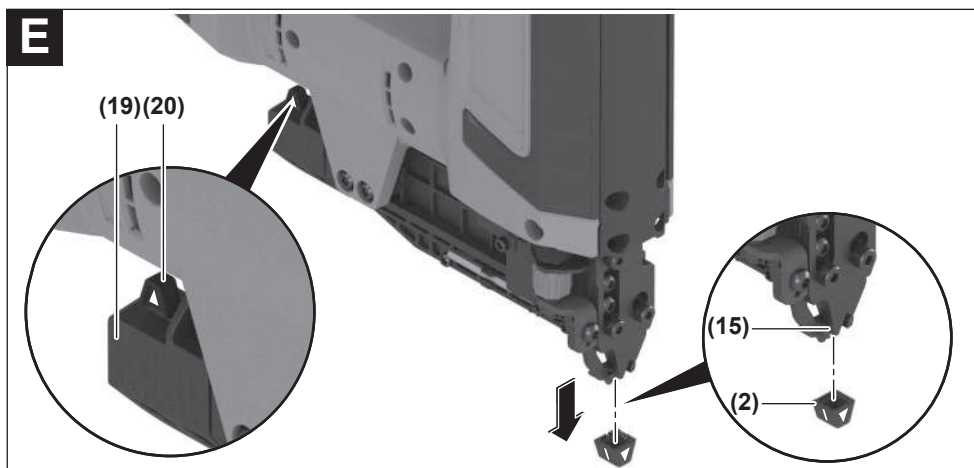
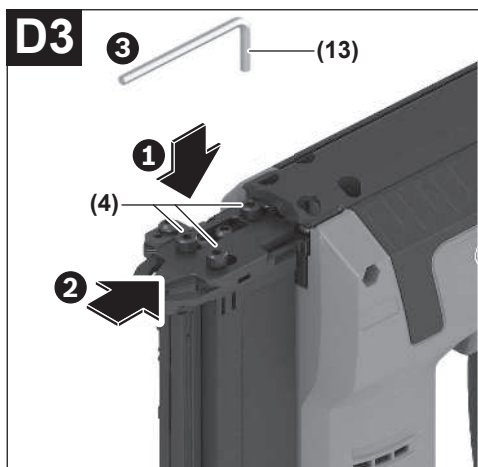
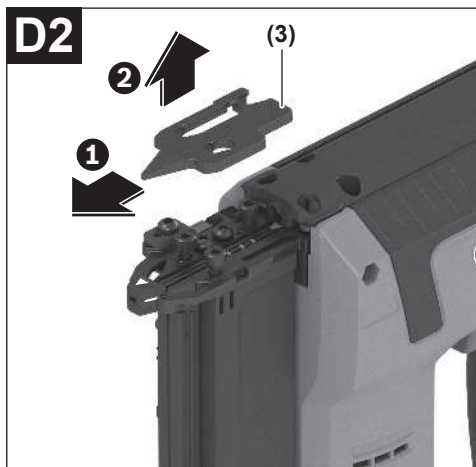
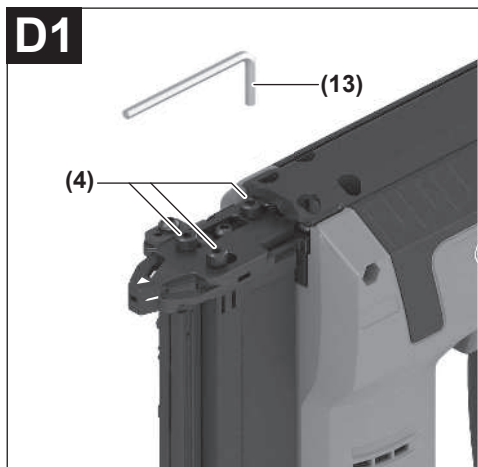


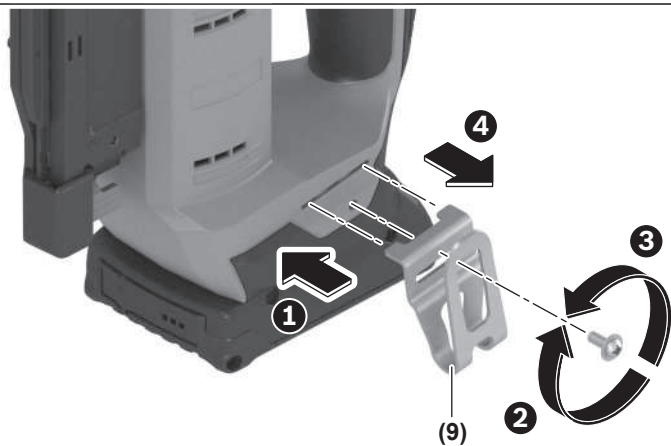
Eesti.....Lehekülg 7





A1**A2****B1****B2****C**



F

Eesti

Ohutuspõhised

Üldised ohutuspõhised elektriliste tööriistade kasutamisel

⚠ HOIATUS

Lugege läbi kõik tööriistaga kaasas olevad ohutuspõhised ja juhised

ning tutvuge kõigi jooniste ja spetsifikatsioonidega.

Ohutuspõhised ja juhiste eiramise tagajärjeks võib olla elektrilöök, tulekahju ja/või rasked vigastused.

Hoidke kõik ohutuspõhised ja juhised edasiseks kasutamiseks hoolikalt alles.

Ohutuspõhised sisaldavad mõiste "elektriline tööriist" käib nii vooluvõrku ühendatud (juhtmega) elektriliste tööriistade kui ka akutoitega (juhtmeta) elektriliste tööriistade kohta.

Ohutuspõhised tööpiirkonnas

► Hoidke tööpiirkond puhas ja hästi valgustatud.

Korrastamata või valgustamata töökoht võib põhjustada õnnetusi.

► Ärge kasutage elektrilist tööriista plahvatusohtlikus keskkonnas, kus leidub tuleohtlikke vedelikke, gaase või tolmu.

Elektrilistest tööriistadest lööb sademeid, mis võivad tolmu või auru süüdata.

► Elektrilise tööriista kasutamise ajal hoidke lapsed ja teised inimesed töökohtast eemal.

Kui teie tähelepanu juhitakse kõrvale, võib seade teie kontrolli alt väljuda.

Elektriõhusus

► Kaitske elektrilist tööriista vihma ja niiskuse eest.

Kui elektrilisse tööriista on sattunud vett, on elektrilöögi oht suurem.

Inimeste turvalisus

► Olge tähelepanelik, jälgige, mida teete, ning toimige elektrilise tööriistaga töötades kaalutletult. Ärge kasutage elektrilist tööriista, kui olete väsinud või uimastite, alkoholi või ravimite mõju all.

Hetkeline tähelepanematus seadme kasutamisel võib põhjustada tõsiseid vigastusi.

► Kandke isikukaitsevahendeid. Kandke alati kaitseprille.

Elektrilise tööriista tüübile ja kasutusale vastavate isikukaitsevahendite, näiteks tolumaski, libisemiskindlate turvajalatsite, kaitsekiivri või kuulmiskaitsevahendite kasutamine vähendab vigastuste ohtu.

► Vältige elektrilise tööriista soovimatut käivitamist.

Enne pistiku ühendamist pistikupessa, aku ühendamist seadme külge, seadme ülestõstmist ja kandmist veenduge, et elektriline tööriist on välja lülitatud. Kui hoiate elektrilise tööriista kandmisel sõrme lüliti või ühendate vooluvõrku sisselülitatud seadme, võivad tagajärjeks olla õnnetused.

► Enne elektrilise tööriista sisselülitamist eemaldage tööriista küljest reguleerimis- ja mutrivõtmed.

Seadme pöörleva osa küljes olev reguleerimis- või mutrivõti võib põhjustada vigastusi.

- **Vältige ebatavalist tööasendit. Võtke stabiilne tööasend ja hoidke kogu aeg tasakaalu.** Nii saate elektrilist tööriista ootamatutes olukordades paremini kontrollida.
- **Kandke sobivat rõivastust. Ärge kandke laiu riideid ega ehteid. Hoidke juuksed ja rõivad seadme liikuvatest osadest eemal.** Liiga avarad riided, ehted või pikad juuksed võivad sattuda seadme liikuvate osade vahele.
- **Kui on võimalik paigaldada tolmuemaldus- ja tolmu kogumisseadiseid, veenduge, et need on seadmega ühendatud ja et neid kasutatakse õigesti.** Tolmuemaldusseadise kasutamine vähendab tolmut põhjustatud ohte.
- **Ärge muutuge tööriista sagedasest kasutamisest hooletuks ja ärge eirake ohutuspõhiseid.** Hooletus võib sekundi murdosa jooksul kaasa tuua raskeid vigastusi.

Elektriliste tööriistade hoolikas käsitsemine ja kasutamine

► Ärge koormake seadet üle. Kasutage konkreetse töö tegemiseks ette nähtud elektrilist tööriista.

Sobiva elektrilise tööriistaga töötate ettenähtud jõudluspiirides efektiivsemalt ja ohutumalt.

► Ärge kasutage elektrilist tööriista, mida ei saa lülitist sisse ja välja lülitada.

Elektriline tööriist, mida ei ole enam võimalik lülitist sisse ja välja lülitada, on ohtlik ning tuleb parandada.

► Tõmmake pistik pistikupesast välja ja/või eemaldage seadmest aku, kui see on eemaldatav, enne seadme reguleerimist, tarvikute vahetamist ja seadme ärapanekut.

See ettevaatusabinõu väldib elektrilise tööriista soovimatut käivitamist.

► Kasutusvälisel ajal hoidke elektrilisi tööriistu lastele kättesaamatus kohas ja ärge laske seadet kasutada isikutel, kes seadet ei tunne või pole lugenud käesolevaid juhiseid.

Asjatundmatute isikute käes on elektrilised tööriistad ohtlikud.

► Hoolidage elektrilisi tööriistu ja tarvikuid nõuetekohaselt. Kontrollige, kas seadme liikuvad osad töötavad veatult ega kiildu kiini ning veenduge, et seadme detailid ei ole murdunud või kahjustatud määral, mis mõjutab seadme töökindlust. Laske kahjustatud detailid enne seadme kasutamist parandada.

Paljude õnnetuste põhjuseks on halvasti hooldatud elektrilised tööriistad.

► Hoidke lõiketarvikud teravad ja puhtad.

Hoolikalt hooldatud, teravate lõikeservadega lõiketarvikud kiilduvad harvemini kinni ja neid on lihtsam juhtida.

► Kasutage elektrilist tööriista, lisavarustust, tarvikuid jne vastavalt käesolevatele juhistele, võttes arvesse töötingimusi ja teostatava töö iseloomu.

Elektriliste tööriistade nõuetevastane kasutamine võib põhjustada ohtlikke olukordi.

- ▶ **Hoidke käepidemed ja haardepinnad kuiva ja puhtana ning vabana õlist ja määrdeainetest.** Libedad käepidemed ja haardepinnad ei luba tööriista ohutult käsitseda ja ootamatutes olukordades kontrolli all hoida.

Akutööriistade hoolikas käsitsemine ja kasutamine

- ▶ **Laadige akusid ainult tootja poolt soovitatud laadimisseadmetega.** Laadimisseade, mis sobib teatud tüüpi akudele, muutub tuleohtlikuks, kui seda kasutatakse teiste akude laadimiseks.
- ▶ **Kasutage elektrilistes tööriistades ainult selleks ettenähtud akusid.** Teiste akude kasutamine võib põhjustada vigastusi ja tulekahjuohtu.
- ▶ **Kasutusvälisel ajal hoidke akusid eemal kirjajklambritest, müntidest, võtmetest, naeltest, kruvidest või teistest väikestest metallesemetest, mis võivad akukontaktid omavahel ühendada.** Akukontaktide vahel tekkiva lühise tagajärjeks võivad olla põletused või tulekahju.
- ▶ **Väärkasutuse korral võib akuvedelik välja voolata; vältige sellega kokkupuudet.** Juhusliku kokkupuute korral loputage kahjustatud kohta veega. Kui vedelik satub silma, pöörduge lisaks arsti poole. Väljavoolav akuvedelik võib põhjustada nahaärritusi või põletusi.
- ▶ **Ärge kasutage akut ega tööriista, mis on kahjustada saanud või mida on modifitseeritud.** Kahjustada saanud või modifitseeritud akud võivad põhjustada tulekahju, plahvatuse, kehavigastusi ja varalist kahju.
- ▶ **Kaitske akut ja elektrilist tööriista tule ja väga kõrgete temperatuuride eest.** Kokkupuude tulega või üle 130 °C temperatuuriga võib põhjustada plahvatuse.
- ▶ **Järgige kõiki laadimisjuhiseid ja ärge laadige akut väljaspool juhistes määratletud temperatuurivahemikku.** Nõuetele mittevastav laadimine või laadimine väljaspool ettenähtud temperatuurivahemikku võib akut kahjustada ja suurendada tulekahju ohtu.

Teenindus

- ▶ **Laske elektrilist tööriista parandada ainult kvalifitseeritud spetsialistidel, kes kasutavad originaalvaruosi.** Nii tagate seadme püsivalt ohutu töö.
- ▶ **Ärge kunagi käidelda kahjustada saanud akusid.** Akusid võivad käidelda vaid tootja esindajad või volitatud hooldekeskuse töötajad.

Naelapüstoli ohutusalane teave

- ▶ **Eelda alati, et tööriist sisaldab kinnitusvahendeid.** Naelapüstoli hooletu käsitemise tagajärjel võib seade ootamatult naelu väljutada ja põhjustada kehavigastusi.
- ▶ **Kinnitusvahendite sisestamisel ja väljavõtmisel, reguleerimisel või tarvikute vahetamisel ühendage tööriist vooluallikast lahti.** Kui tööriist on toiteallikaga ühendatud, võib see kogemata aktiveeruda ja põhjustada kehavigastusi.

- ▶ **Olge kinnitusvahendite käsitemisel ettevaatlik, eriti nende sisestamisel ja väljavõtmisel.** Kinnitusvahenditel on teravad otsad, mis võivad põhjustada kehavigastusi.
- ▶ **Ärge suunake naelapüstolit iseenda ega teiste läheduses olevate isikute poole.** Ootamatu käivitamine vabastab kinnitusvahendi, mis võib põhjustada kehavigastusi.
- ▶ **Kui te naelapüstolit ei kasuta ja kui liigute ühest töösendis teise, hoidke sõrmed päästikust eemal.** Ootamatu käivitamine vabastab kinnitusvahendi, mis võib põhjustada kehavigastusi.
- ▶ **Tehes töid, mille puhul võib kinnitusvahend tabada varjatud elektrijuhtmeid, hoidke naelapüstolit ainult käepideme isoleeritud pinnast.** Kinnitusvahend, mis puutub kokku pingestatud elektrijuhtmega, võib seada pinget alla naelapüstoli metallosad ja anda selle kasutajale elektrilöögi.
- ▶ **Hoidke naelutit töötamise ajal kindlalt käes.** Naelutit kontrollimatu tagasilööki võib põhjustada selle tahtmatut aktiveerumist, mis võib põhjustada kehavigastusi.
- ▶ **Hoidke kõik kehaosad, nagu käed ja jalad jne, naelapüstoli tulistamissuunast eemal.** Kinnitusvahend võib tungida nii töödeldavasse detaili kui ka selle taga olevasse mis tahes objekti, mis võib põhjustada kehavigastusi.
- ▶ **Naelapüstoli kasutamisel hoidke kõik kehaosad, nagu käed ja jalad jne, eemal kohast, kuhu kinnitusvahendit töödeldavas detaillis lüüakse.** Kinnitusvahend võib minna viltu ja töödeldavast detailist väljuda, mis võib põhjustada kehavigastusi.
- ▶ **Ärge aktiveerige naelapüstolit enne, kui naelapüstol on surutud tugevasti vastu tööpinda.** Kui naelapüstol ei puutu tööpinna kokku, võib kinnitusvahend töödeldavast detailist mööda minna, mis võib põhjustada kehavigastusi.
- ▶ **Ärge kasutage seda naelapüstolit elektrijuhtmete kinnitamiseks.** See ei ole ette nähtud elektrijuhtmete kinnitamiseks ja võib kahjustada elektrijuhtmete isolatsiooni, põhjustades elektrilöögi või tulekahju ohtu.
- ▶ **Kui kinnitusvahend on naelapüstolis kinni kiilunud, siis lahutage naelapüstol vooluvõrgust.** Kui naelapüstol on toiteallikaga ühendatud, võib see ummistuse eemaldamisel kogemata aktiveeruda ja põhjustada kehavigastusi.
- ▶ **Kinnikiilunud kinnitusvahendi eemaldamisel olge ettevaatlik.** Mehhanism võib olla surve all ja kinnitusvahend võib kinnikiilumise kõrvaldamise ajal seadmest suure hooga välja tulla, mis võib põhjustada kehavigastusi.
- ▶ **Varjatult paiknevate elektrijuhtmete, gaasi- või veetorude avastamiseks kasutage sobivaid lokaliseerimisseadmeid või pöörduge kohaliku elektri-, gaasi- või veevarustusettevõtja poole.** Kokkupuutel elektrijuhtmetega tekib tulekahju- ja elektrilöögioht. Gaasitorustiku vigastamisel tekib plahvatusoht. Veetorustiku vigastamisel materiaalne kahju või elektrilöögioht.

- ▶ **Aku vigastamise ja ebaõige käsitlemise korral võib akust eralduda auru. Aku võib põlema süttida või plahvatada.** Õhutuge ruumi, halva enesetunde korral pöörduge arsti poole. Aurud võivad ärritada hingamisteid.
- ▶ **Ärge muutke ega avage akut.** On lühiseoht.
- ▶ **Teravad esemed, näiteks naelad või kruvikeerajad, samuti löögid, põrutused jmt võivad akut kahjustada.** Akukontaktide vahel võib tekkida lühis ja aku võib süttida, suitsema hakata, plahvatada või üle kuumeneda.
- ▶ **Kasutage akut ainult valmistaja toodetes.** Ainult sellisel juhul on aku kaitstud ohtliku ülekoormuse eest.



Kaitske akut kuumuse, nt ka kestva päikesekiirguse, tule, mustuse, vee ja niiskuse eest.
Tekib plahvatus ja lühise oht.

Sümbolid ja nende tähendus

Järgnevad sümbolid võivad olla teie elektrilise tööriista kasutamisel olulised. Pidage sümbolid ja nende tähendus meeles. Sümbolite õige tõlgendus aitab teil elektrilist tööriista käsitseda paremini ja ohutult.

Sümbolid ja nende tähendus



Kandke kuulmiskaitsevahendeid. Mürä võib kuulmist kahjustada.



Kandke kaitseprille.

Toote kirjeldus ja kasutusjuhend



Lugege läbi kõik ohutusnõuded ja juhised. Ohutusnõuete ja juhiste eiramine võib kaasa tuua elektrilöögi, tulekahju ja/või raskeid vigastusi.

Pange tähele kasutusjuhendi esiosas olevaid jooniseid.

Nõuetekohane kasutamine

Elektriline tööriist on mõeldud naelte löömiseks puitu. Lubatud on kasutada üksnes neid sisselöödavaid kinnitusvahendeid (naelad, klambrid jne), mis on spetsifitseeritud tabelis „Tehnilised andmed“.

Juhis: Elektriline tööriist ei ole ette nähtud naelte sisselöömiseks metalli või betooni.

Kujutatud komponendid

Joonistel kujutatud komponentide numeratsiooni aluseks on elektrilise tööriista jooniseleheküljel olevad numbrid.

- (1) Suue
- (2) Tooriku pinnakaitse 1
- (3) Laskekanali kate

- (4) Laskekanali avamiseks/sulgemiseks mõeldud poldid
- (5) Töövalgusti
- (6) Päästik
- (7) Aku lukustusest vabastamise nupp
- (8) Aku
- (9) Rihmakonks
- (10) Salve avamiseks mõeldud lüliti
- (11) Salvelugur
- (12) Sügavuspiiraja seadistamiseks mõeldud seaderatas
- (13) Siseseuakantvõti
- (14) Täiendava lisamise näidiku vaateaken
- (15) Päästikukaitse
- (16) Käepide (isoleeritud haardepind)
- (17) Naelariba¹⁾
- (18) Salv
- (19) Hoiukoht tooriku pinnakaitse säilitamiseks
- (20) Tooriku pinnakaitse 2

a) See tarvik ei kuulu standard-tarnekomplekti.

Tehnilised andmed

Akuga naeluti	GNH 18V-35	
Tootenumber		3 601 D82 7..
Nimipinge	V=	18
Päästikusüsteem		
– Üksikkäivitamine päästikukaitsega		●
Sisestatav kinnitusvahend		
– Tüüp		Tihvt PRO PN23 G
– Pikkus	mm	15 19 25 30 35
– Läbimõõt	mm	0,6
	ga	23
– Nurk		0°
Magasini max maht		110
Mõõdud (ilma akuta)		
– Kõrgus	mm	214
– Laius	mm	81
– Pikkus koos töödeldava detaili pinnakaitsega	mm	232
Kaal ^{A)}	kg	1,7
Soovitav keskkonnatemperatuur laadimisel	°C	0 ... +35

Akuga naeluti	GNH 18V-35	
Lubatud keskkonnatemperatuur töötamisel ^{B)} ja hoiustamisel	°C	-20 ... +50
Ühilduvad akud		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Soovitavad akud		GBA 18V... ≥ 2,0 Ah
Soovitavad laadimiseadmed		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Ilma akuta (aku kaalu kohta vt www.bosch-professional.com)

B) piiratud jõudlus temperatuuridel < 0 °C

Väärtused võivad olenevalt tootest varieeruda ja oleneda kasutus- ning keskkonnamingimustest. Täiendav teave veebisaidil www.bosch-professional.com/wac.

Andmed müra/vibratsiooni kohta

Mürapäastuväärtused, määratud vastavalt standardile **EN IEC 62841-2-16**.

Elektrilise tööriista ekvivalentne müratase on tavaliselt: helirõhutase **88 dB(A)**; helivõimsustase **97 dB(A)**. Mõõtemääramatus **K = 3 dB**.

Kandke kuulmiskaitsevahendeid!

Vibratsiooni väärtused a_h (pidevad vibratsioonid), p_F (korduvad löögivibratsioonid) ja mõõtemääramatus **K** on kindlaks tehtud vastavalt standardile **EN IEC 62841-2-16**:

$a_h = 1,6 \text{ m/s}^2$ ($K = 1,5 \text{ m/s}^2$), $p_F = 1924 \text{ m/s}^2$ ($K = 120 \text{ m/s}^2$)

Selles juhendis toodud vibratsioonitaseme ja mürapäastu väärtused on mõõdetud standardset mõõtemeetodit kasutades ja neid saab kasutada elektriliste tööriistade omavaheliseks võrdlemiseks. Need sobivad ka vibratsioonitaseme ja mürapäastu esialgseks hindamiseks. Toodud vibratsioonitaseme ja mürapäastu väärtused on iseloomulikud elektrilise tööriista põhiliste rakenduste korral. Kui aga elektrilist tööriista kasutatakse muudes rakendustes, muude vahetatavate tööriistadega või ebapiisavalt hooldades, võivad vibratsioonitaseme ja mürapäastu väärtused nendest erineda. See võib kogu tööaja vibratsioonitaset ja mürapäastu tunduvalt suurendada.

Vibratsioonitaseme ja mürapäastu täpseks hindamiseks tuleb arvesse võtta ka aega, mil seade on välja lülitatud või mil seade on küll sisse lülitatud, kuid tegelikult tööle rakendamata. See võib kogu tööaja vibratsioonitaset ja mürapäastu tunduvalt vähendada.

Rakendage kasutaja kaitsmiseks vibratsiooni mõju eest täiendavaid kaitsemeetmeid, nagu näiteks: elektrilise tööriista ja vahetatavate tööriistade hooldus, kätesoojendus, töökorraldus.

Aku

► **Võtke aku enne kõiki töid elektrilise tööriista juures (ny hooldus, tööriistavahetus jms) elektrilisest tööriistast välja.** Sisse-/väljalülitati juhusliku rakendamise korral on vigastumisoht.

Bosch müüb ka juhtmeta elektrilisi tööriistu ilma akuta. Pakendil näete, kas aku kuulub teie elektrilise tööriista tarnekomplekti.

Aku laadimine

► **Kasutage üksnes tehnilistes andmetes loetletud laadimiseadmeid.** Vaid need laadimiseadmed on ette nähtud elektrilises tööriistas kasutatud liitium-ioonaku laadimiseks.

Juhis: liitiumioonakud tarnitakse tehastest rahvusvaheliste transpordieeskirjade põhjal osaliselt laetutena. Selleks et aku täielikku võimsust tagada, laadige aku enne esimest kasutamist täielikult täis.

Aku paigaldamine

Lücake laetud aku akuhoidikusse nii, et see tuntavalt fikseeruks.

Aku eemaldamine

Aku eemaldamiseks vajutage lukustuse vabastamise nuppe ja tõmmake aku välja. **Ärge rakendage seejuures jõudu.**

Akul on kaks lukustustaset, mis takistavad aku väljakukkumist aku lukustuse vabastamisnupu kogemata vajutamisel. Elektritööriista paigaldatud akut hoiab õiges asendis vedru.

Aku laetuse taseme näidik

Märkus: kõikidel akutüüpidel ei ole laetuse taseme indikaatorit.

Rohelised LEDid aku laetuse taseme näidikul näitavad aku laetuse taset. Ohutuse huvides saab aku laetuse taset vaadata ainult väljalülitatud elektrilisel tööriistal.

Laetuse taseme vaatamiseks vajutage laetuse taseme näidiku nuppu  või . See on võimalik ka väljavõetud aku korral.

Kui laetuse taseme näidiku nupu vajutamisel ei sütti ükski LED, on aku defektne ja tuleb välja vahetada.

Aku tüüp GBA 18V... | GBA18V...



LED	Mahtuvus
Pidev tuli 3 × roheline	60–100%
Pidev tuli 2 × roheline	30–60%
Pidev tuli 1 × roheline	5–30%
Vilkuv tuli 1 × roheline	0–5%

Aku tüüp ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Mahtuvus
Pidev tuli 5 × roheline	80–100%
Pidev tuli 4 × roheline	60–80%
Pidev tuli 3 × roheline	40–60%
Pidev tuli 2 × roheline	20–40%
Pidev tuli 1 × roheline	5–20%
Vilkuv tuli 1 × roheline	0–5%

Juhised aku käsitsemiseks

Kaitske akut niiskuse ja vee eest.

Hoidke aku temperatuuril –20 °C kuni 50 °C. Ärge jätke akut suvel autosse.

Puhastage aku ventilatsiooniavasid pehme, puhta ja kuiva pintsliga.

Oluliselt lühenenud kasutusaeg pärast laadimist näitab, et aku on muutunud kasutuskoõlbmatuks ja tuleb välja vahetada. Järgige ringlussevõtu juhiseid.

Paigaldamine

- ▶ **Võtke aku enne kõiki töid elektrilise tööriista juures (ny hooldus, tööriistavahetus jms) elektrilisest tööriistast välja.** Sisse-/väljalülitil juhusliku rakendamise korral on vigastumisoht.
- ▶ **Asetage elektritööriist alati küljele, mitte akule.** Sõltuvalt sellest, millist vahetatavat tööriista ja akut kasutatakse, võib elektritööriist ümber minna.

Salve täitmine (vaata jooniseid A1–A2)

- ▶ **Enne tööriista seadistamist, tarvikute vahetamist või seadme ärapanekut eemaldage aku.** See ettevaatusabinõu hoiab ära elektrilise tööriista soovimatut käivitumise.

Kasutage ainult ettevõtte Boschoriginaaltarvikuid.

Elektrilise tööriista täppisosad, nagu näiteks salv, suue ja laskekanal, on häälestatud klambrite, naelte ja tihvtide peale ettevõtte Bosch. Teised tootjad kasutavad teistsuguseid terase kvaliteete ja mõõtmeid.

Juhis: kasutage ainult tabelis „Tehnilised andmed“ spetsifitseeritud sissesurutavaid esemeid.

Mittelubatud sisselöödvate kinnitusvahendite kasutamine võib kahjustada elektrilist tööriista ja põhjustada vigastusi.

Kui täidate magasin, hoidke elektrilist tööriista nii, et suue (1) ei oleks suunatud teile endale või teistele isikutele.

- Magasini avamiseks vajutage magasin avamislüliti (10). Magasini siiber (11) liigub välja.
- Asetage naelalint (17) magasin (18) ülemisse vasakpoolsesse ossa.

Juhis: täitke salve ainult sama pikkusega naeltega.

Eemaldage naelad salvest, enne kui te teise pikkusega nael sisse panete.

Suunis: Elektrooniline seire tuvastab, kas naelad on magasinis. Kui käivitamiskaitse surutakse tühja magasin korral alla, ei käivitu sissesurumistoiing. Sellega välditakse tühiaskusid.

- Selleks et salve (18) sulgeda, juhtige salvelüugurit (11) ettevaatlikult ettepoole kuni salve (18) alguseni.

Suunis: Magasini siibrit peab saama ilma suuremat jõudu rakendamata (ainult sõrmejõuga) tagasi lükata. Kinnikiilutud magasinisiibril on järgmised mõjud: Naela ei tulistata välja, nael jääb lasukanalisse (vaata kinnikiilumist) või nael tulistatakse välja vale nurga all.

Kasutamine

- ▶ **Asetage elektritööriist alati küljele, mitte akule.**

Sõltuvalt sellest, millist vahetatavat tööriista ja akut kasutatakse, võib elektritööriist ümber minna.

Päästikusüsteem

Üksikkäivitus koos päästikukaitsega

Selle päästikusüsteemi puhul peab kõigepealt päästikukaitse (15) kindlalt tooriku peale asetama. Sisestamisese tulistatakse välja alles siis, kui päästikule (6) vajutatakse. Edasisi sisestustoiminguid saab käivitada seejärel, kui päästik (6) on eelnevalt uuesti lähteasendisse viidud ja päästikukaitset (15) pole veel täiesti sisse vajutatud.

Kasutuselevõtt

Sisse-/väljalülitamine

Elektriline tööriist on pärast aku (8) sissepanemist käitamisvalmis.

Naelte väljatulistamine

- Kõigepealt pange suue (1) või vajaduse korral tooriku kummeeritud pinnakaitse (2) kindlalt tooriku peale, kuni päästikukaitse (15) täiesti sisse vajutatud on. Töövalgusti (5) lülitub sisse.
- Vajutage seejärel lühidalt päästikule (6) ja laske see uuesti lahti. Seejuures tulistatakse üks nael välja.
- Edasisi sisestustoimingu jaoks tõstke elektriline tööriist toorikult täiesti maha ja asetage see uuesti kindlalt järgmise soovitud koha peale. Alternatiivina võite te päästikukaitset (15) allavajutatuna hoida ja päästikule (6) vajutada, selleks et veel ühte naela välja tulistada.

Tööjuhised

Kontrollige enne töö igakordset algust ohutus- ja päästikuseadiste laitmatut funktsiooni ning kõigi poltide ja mutrite kindlat istu.

Ühendage defektne või mitte laitmatult töötav elektriline tööriist koheselt energiavarustusest lahti ja võtke ühendust Boschi volitatud klienditeeninduspunkti.

Ärge viige elektrilisel tööriistal läbi mingeid eeskirjadele mittevastavaid manipulatsioone. Ärge elektrilise tööriista mingeid osi demonteerige ega blokeerige, nagu nt päästikukaitset.

Ärge viige läbi mingeid „avariiparandusi“ ebasobivate vahendite abil. Elektrilist tööriista tuleb regulaarselt ja asjakohaselt hooldada.

Vältige elektrilise tööriista igasugust nõrgestamist ja kahjustada saamist, nt järgneva tõttu:

- sisselöömine või sisse graveerimine,
- tootja poolt mitte lubatud ümberehitusmeetmed,
- juhtimine šablooni pidi, mis on valmistatud kõvast materjalist, nt terasest,
- pörandale kukkuda laskmine või üle pörandale lükkamine,
- haamrina käsitsemine,
- igat liiki jõu toime.

Veenduge, mis teie tooriku all või taga paikneb. Ärge tulistage naelu seintesse, lagedesse või pörandatesse, kui nende taga inimesi paikneb. Naelad võivad toorikust läbi lüüa ja kedagi vigastada.

Ärge tulistage ühtki naela juba sisselöödud naela peale. Seejuures võib nael deformeeruda, naelad võivad kinni kiiluda või elektriline tööriist võib kontrollimatult liikuma hakata.

Vältige tühi laske, selleks et löögitempli kulumist vähendada.

Võtke pikemate tööpauaside korral või töö lõpul aku elektrilisest tööriistast välja ja tühjendage võimaluse korral salv. Pange elektriline tööriist tasase pinna peale, nii et kontakteleменти ei aktiveeritaks.

Magasini tühjendamine (vaata jooniseid B1–B2)

- Vajutage salve avamiseks mõeldud lüliti (10).
- Salvelüügur (11) liigub välja.
- Pöörake elektrilist tööriista selliselt, et salves (18) olev naelariba (17) välja libiseks.
- Selleks et salve (18) sulgeda, juhtige seejärel salvelüügurit (11) ettevaatlikult ettepoole kuni salve (18) alguseni.

Sügavuspiiriku seadmine (vaata joonist C)

Naelte sisselöömissügavust saab seada seaderattaga (12).

- Tühjendage magasin (18).
- **Naelu tulistatakse liiga sügavale sisse:** selleks et sisselöömise sügavust vähendada, pöörake seaderattast (12) suunas „–“.



- **Naelu ei tulistata piisavalt sügavale sisse:** selleks et sisselöömise sügavust suurendada, pöörake seaderattast (12) suunas „+“.



- Täitke salv uuesti.
- Testige uut sisselöömissügavust töödeldavad proovidetallid.
- Vajadusel korra teetappe.

Kinnikiilumiste lahtipäästmine (vaata jooniseid D1–D3)

Üksikud naelad võivad laskekanalisse kinni kiiluda. Kui seda peaks sagedamini ette tulema, siis võtke ühendust Boschi volitatud klienditeeninduspunkti.

- Laske päästik (6) lahti.
- Võtke aku (8) elektrilisest tööriistast välja.
- Tühjendage salv (18).
- Päästke laskekanali (4) avamiseks/sulgemiseks mõeldud poldid sisekuuskantvõtme (13) abil lahti ning võtke laskekanali kate (3) seda lükates ja ülespoole tõstes maha, nii et laskekanali avada saab.
- Eemaldage kinnikiilunud nael. Kasutage selleks vajaduse korral tange.
- Sulgege laskekanal, pannes laskekanali katte (3) peale ja lükates selle täielikult elektrilise tööriista korpuse suunalise piiraja vastu.
- Pingutage laskekanali (4) avamiseks/sulgemiseks mõeldud poldid sisekuuskantvõtme (13) abil kinni.
- Täitke salv (18) uuesti.

Tooriku pinnakaitse vahetamine (vaata joonist E)

Päästikukaitse (15) otsal olev tooriku pinnakaitse (2) kaitseb toorikut, kuni elektriline tööriist on sisestustoimingu jaoks õigesti kohale paigutatud. Tooriku pinnakaitset saab eemaldada ja asendada

- Laske päästik (6) lahti.
- Võtke aku (8) elektrilisest tööriistast välja.
- Tühjendage salv (18).
- Tõmmake tooriku pinnakaitse päästikukaitset ära.
- Lükake uus tooriku pinnakaitse lahtise otsaga päästikukaitse peale.

Juhis: tooriku pinnakaitset (20) kitsastes kohtades tehtavate tööde jaoks säilitatakse salve (18) alumisel küljel. Lükake pärast tooriku pinnakaitse vahetust vastavalt teine tooriku pinnakaitse hoiukohta (19).

Transport ja säilitamine

Võtke transportimiseks aku elektrilisest tööriistast välja.

Kandke elektrilist tööriista töökohal ainult käepidemest (16) hoides ja rakendamata päästikuga (6).

Säilitage elektrilist tööriista alati akust lahutatult ning kuivas ja soojas kohas.

Kui elektrilist tööriista pikemat aega kasutada ei kavatseta, siis tõmmake tööriista terasest osade peale peen õlikihti. See takistab rooste ladestumist.

Rihmakonks (vaata joonist F)

Rihmakonksu (9) abil saate te elektrilise tööriista nt mingi rihma külge riputada. Teil on seejärel mõlemad käed vabad ja elektriline tööriist on igal ajal käepärast.

Hooldus ja korrashoid

Hooldus ja puhastus

- **Võtke aku enne kõiki töid elektrilise tööriista juures (ny hooldus, tööriistavahetus jms) elektrilisest**

tööriistast välja. Sisse-/väljalülitit juhusliku rakendamise korral on vigastumisoht.

► **Seadme laitmatu ja ohutu töö tagamiseks hoidke seade ja selle ventilatsioonivad puhtad.**

Korrahoiuplaan

Puhastage salv **(18)**. Eemaldage puidulaastud, mis töötamise ajal salve koguneda võivad. Puhastage elektrilist tööriista regulaarselt suruõhuga.

Meede	Põhjendus	Teostamine
Puhastage salv (18) ja salveliugur (11) .	Takistab seda, et nael kinni kiiluks.	– Puhuge salve/salveliuguri mehhanism suruõhuga läbi.
Tagage, et päästikukaitse (15) nõuetekohaselt funktsioneeriks.	Edendab teie tööohutust ja elektrilise tööriista tõhusat rakendamist.	– Puhuge päästikukaitse mehhanism suruõhuga läbi.

Tõrgete kõrvaldamine

Probleem	Põhjus	Kõrvaldamine
Elektriline tööriist pole käitamisvalmis.	Aku pole täis laetud või aku on defektne.	– Laadige aku täielikult täis või vahetage aku välja.
	Aku pole õigesti kohale pandud.	– Veenduge, et aku oleks käepideme külge fikseerunud.
	Aku temperatuur on liiga kõrge või liiga madal.	– Oodake, kuni aku (uuesti) optimaalse töötemperatuuri saavutab.
	Aku kontaktid või mootor on mustunud või defektsed.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Salv (18) on tühi.	– Täitke salv uuesti (vaadake „Salve täitmine (vaata jooniseid A1–A2)“, Lehekülg 11)
	Päästikukaitse (15) on kõverdunud.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Elektroonika on defektne.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga.
Elektriline tööriist on käitamisvalmis, ent naelu ei tulistata välja.	Järgmiste detailide võimalik defekt: – Päästik (6) – Löögitempel – Mootor või reduktor – Elektroonika	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Laskemehhanismi on võõrkehi kogunenud.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Suudmesse (1) või salve (18) on võõrkehi kogunenud.	– Puhastage suue (1) või salv (18) .
	Üks nael on laskekanalisse kinni kiilunud.	– Päästke kinnikiilumine lahti. (vaadake „Kinnikiilumiste lahtipäästmine (vaata jooniseid D1–D3)“, Lehekülg 12)
	Salveliugur (11) kiilub kinni või on defektne.	– Puhastage vajaduse korral salveliugur (11) ja tagage, et salv (18) poleks mustunud.
		– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.

Probleem	Põhjus	Kõrvaldamine
	Salveliuguri vedru on liiga nõrk või defektne.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Kasutatud sisestamisesemed on lubamatud.	– Kasutage ainult originaaltarvikuid. Tohib kasutada ainult sisestamisesemeid (naelu, klambreid jne), mis on tabelis „Tehnilised andmed“ spetsifitseeritud.
	Salv (18) on tühi.	– Täitke salv uuesti. (vaadake „Salve täitmine (vaata jooniseid A1–A2)“, Lehekülg 11)
	Päästikut (6) ja päästikukaitset (15) on üheaegselt vajutatud.	– Viige sisestustoiming uuesti läbi ja järgige seejuures õiget vajutamise järjekorda.
Naelu tulistatakse liiga sügavale sisse.	Sügavuspiiraja on liiga sügavalt seadistatud.	– Seadistage sügavuspiiraja soovitud sügavuse peale. (vaadake „Sügavuspiiriku seadmine (vaata joonist C)“, Lehekülg 12)
	Puhver on ära kasutatud.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
Naelu ei tulistata piisavalt sügavale sisse.	Aku pole täis laetud või aku on defektne.	– Laadige aku täielikult täis või vahetage aku välja.
	Sisestamisesemed on liiga pikad.	– Kasutage ainult originaaltarvikuid. Tohib kasutada ainult sisestamisesemeid (naelu, klambreid jne), mis on tabelis „Tehnilised andmed“ spetsifitseeritud.
	Sügavuspiiraja on liiga kõrgele seadistatud.	– Seadistage sügavuspiiraja soovitud sügavuse peale. (vaadake „Sügavuspiiriku seadmine (vaata joonist C)“, Lehekülg 12)
	Tooriku peale avaldatud surve on liiga vähenen.	– Avaldage elektrilise tööriista kaudu tooriku peale rohkem survet.
	Löögitempel on defektne.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
Elektriline tööriist hüppab naeltest üle.	Kasutatud sisestamisesemed on lubamatud.	– Kasutage ainult originaaltarvikuid. Tohib kasutada ainult sisestamisesemeid (naelu, klambreid jne), mis on tabelis „Tehnilised andmed“ spetsifitseeritud.
	Salveliuguri vedru on liiga nõrk või defektne.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Löögitempel on defektne.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
Naelad kiiluvad sageli laskekanalisse kinni.	Kasutatud sisestamisesemed on lubamatud.	– Kasutage ainult originaaltarvikuid. Tohib kasutada ainult sisestamisesemeid (naelu, klambreid jne), mis on tabelis „Tehnilised andmed“ spetsifitseeritud.

Probleem	Põhjus	Kõrvaldamine
Sissetulistatud naelad on kõverdunud.		– Võtke ühendust Boschi volitatud klienditeeninduspunktiga.
	Naelad on vananenud, naelte vahel oleval liimil pole enam hoidejõudu.	– Kasutage uut naelariba
	Löögitempel on kahjustada saanud.	– Võtke ühendust Boschi volitatud klienditeeninduspunktiga. Laske seal detail välja vahetada.
	Naelutit kasutatakse lubamatu materjali (nt betooni, kivi) jaoks.	– Kasutage naelutit ainult lubatud materjali jaoks. (vaadake „Nõuetekohane kasutamine“, Lehekülg 9)

Klienditeenindus ja kasutusala nõustamine

Eesti Vabariik

Tel.: (+372) 6549 575

Päringute esitamisel ja varuosade tellimisel teatage meile kindlasti toote tüübisildil olev 10-kohaline tootenumber.

Kasutuskõlbmatuks muutunud seadmete käitlus

Elektrilised tööriistad, akud, lisatarvikud ja pakendid tuleb keskkonnasäästlikult ringlusse võtta.



Ärge käidelda elektrilisi tööriistu ja akusid/patareisid koos olmejäätmetega!

Üksnes EL liikmesriikidele:

Elektri- ja elektroonikaseadmed või kasutatud akud/patareisid, mis enam kasutuskõlblikud pole, peab eraldi kokku koguma ning keskkonnasõbralikul viisil kasutusest kõrvaldama. Kasutage selleks ettenähtud kogumissüsteeme. Vale jäätmekäitlus võib nendes sisalduvate võimalike ohtlike ainete tõttu keskkonda ja tervist kahjustav olla.

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(48) From musl include/elf.h

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(51) From musl src/string/strverscmp.c

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