



Professional HEAVY DUTY

GTH 18V-14

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

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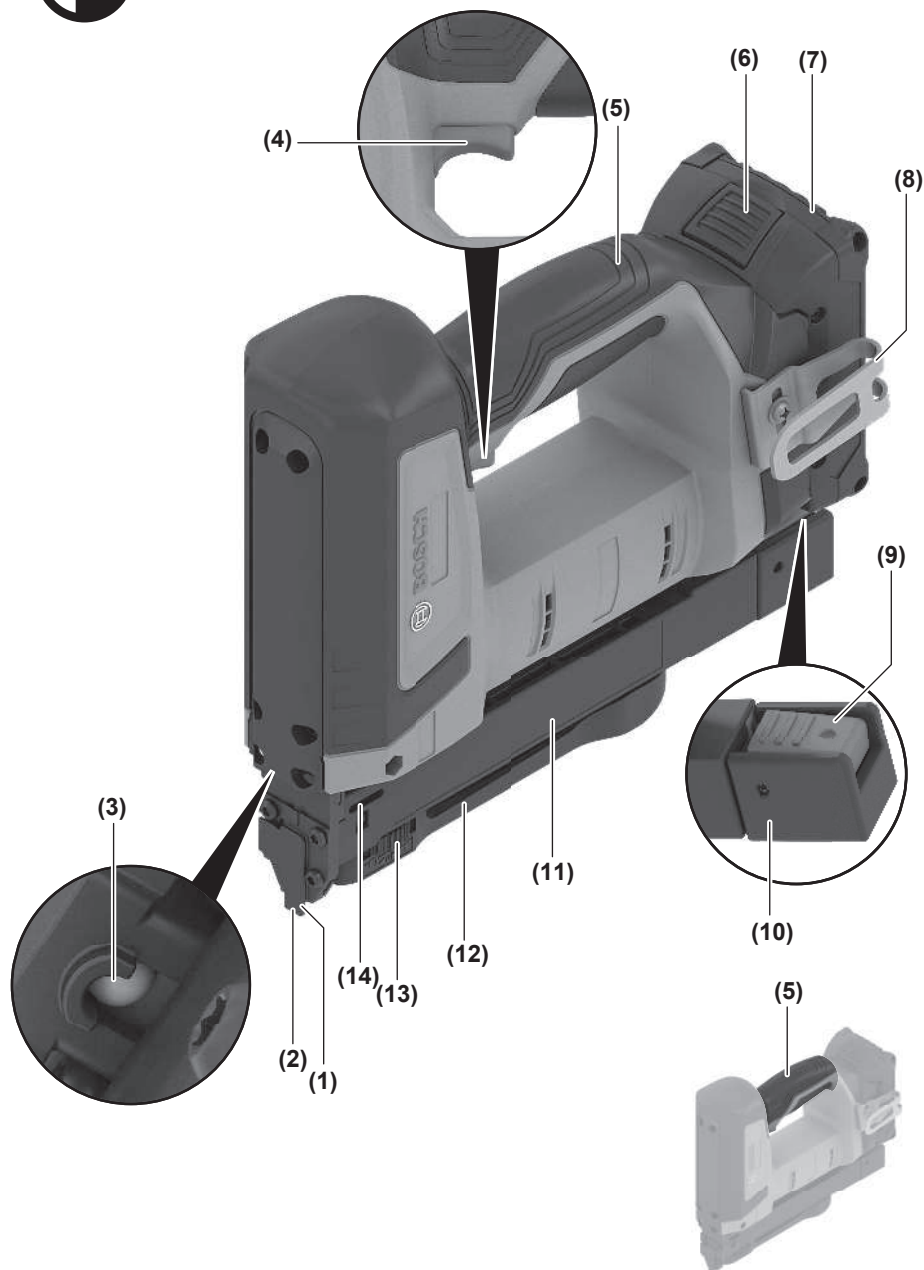


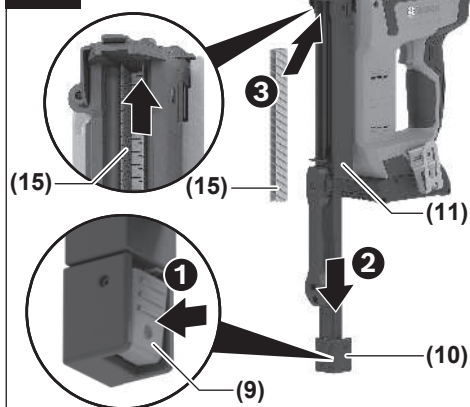
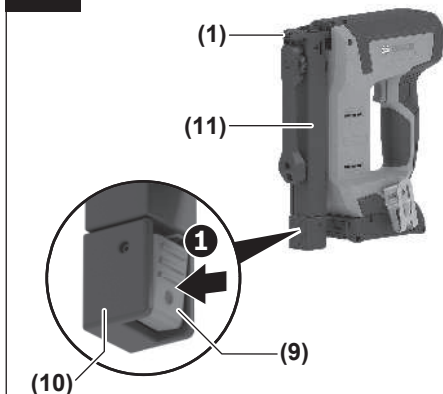
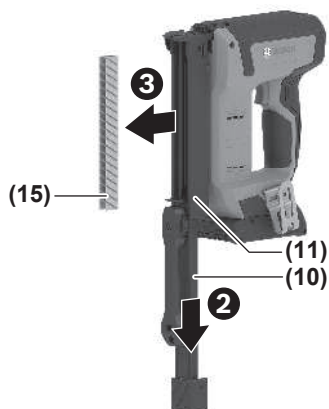
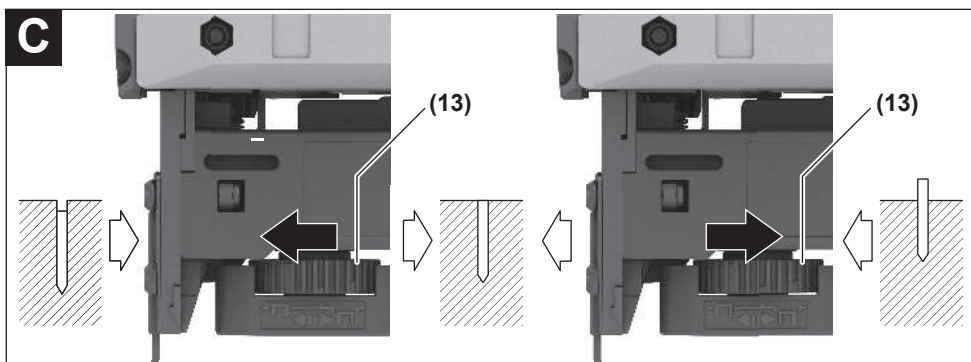
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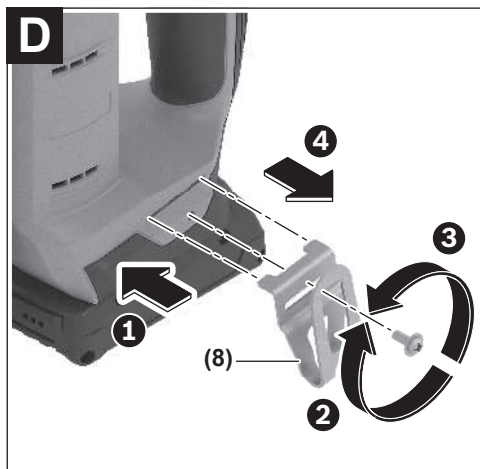


Hrvatski	Stranica 6
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A1**A2****B1****B2****C**



Hrvatski

Sigurnosne napomene

Uobičajena sigurnosna upozorenja za električne alate

⚠ UPOZORENJE Pročitajte sva sigurnosna upozorenja, upute, ilustracije i

specifikacije koje se isporučuju s ovim električnim

alatom. Nepoštivanje dolje navedenih uputa može uzrokovati električni udar, požar i/ili ozbiljne ozljede.

Sačuvajte sve napomene o sigurnosti i upute za buduću primjenu.

Pojam „električni alat” u upozorenjima odnosi se na električne alate s priključkom na električnu mrežu (s mrežnim kabelom) i električne alate s napajanjem na akumulatorsku bateriju (bez mrežnog kabela).

Sigurnost na radnom mjestu

► Održavajte radno mjesto čistim i dobro osvijetljenim.

Nered ili neosvijetljeno radno mjesto mogu uzrokovati nezgode.

► Ne radite s električnim alatima u eksplozivnim atmosferama, primjerice onima u kojima ima zapaljivih tekućina, plinova ili prašine. Električni alati proizvode iskre koje mogu zapaliti prašinu ili pare.

► Tijekom upotrebe električnog alata djecu i druge osobe držite podalje od mjesta rada. Svako odvratanje pozornosti može uzrokovati gubitak kontrole nad uređajem.

Električna sigurnost

► Električne alate držite dalje od kiše ili vlage.

Prodiranje vode u električni alat povećava opasnost od strujnog udara.

Sigurnost ljudi

► Budite pažljivi, pazite što činite i postupajte oprezno dok radite s električnim alatom. Nemojte upotrebljavati alat ako ste umorni ili pod utjecajem droga, alkohola ili lijekova. Trenutak nepažnje kod upotrebe električnog alata može uzrokovati ozbiljne ozljede.

► Nosite osobnu zaštitnu opremu. Uvijek nosite zaštitne naočale. Nošenje osobne zaštitne opreme, kao što je maska za prašinu, zaštitna obuća s protukliznim potplatom, zaštitna kaciga ili štitnik za sluh, ovisno od vrste i primjene električnog alata, smanjuje opasnost od ozljeda.

► Sprječite svako nehotično uključivanje uređaja. Prije nego što ćete utaknuti utikač u utičnicu i/ili staviti komplet baterija, provjerite je li električni alat isključen. Ako kod nošenja električnog alata imate prst na prekidaču ili se uključen uređaj priključi na električno napajanje, to može dovesti do nezgoda.

- **Prije uključivanja električnog alata uklonite alate za podešavanje ili ključ.** Alat ili ključ koji se nalazi u rotirajućem dijelu uređaja može dovesti do nezgoda.
- **Izbjegavajte neuobičajene položaje tijela. Zauzmite siguran i stabilan položaj tijela i u svakom trenutku održavajte ravnotežu.** Na taj način možete električni alat bolje kontrolirati u neočekivanim situacijama.
- **Nosite prikladnu odjeću. Ne nosite široku odjeću ni nakit. Kosu i odjeću držite dalje od pomičnih dijelova.** Široku odjeću, dugu kosu ili nakit mogu zahvatiti pomični dijelovi.
- **Ako uređaji imaju priključak za usisavače za prašinu, provjerite jesu li isti priključeni i mogu li se ispravno upotrebljavati.** Upotreba sustava za usisavanje može smanjiti mogućnost nastanka opasnih situacija koje uzrokuje prašina.
- **Nemojte postati previše bezbrižni i zanemariti sigurnosne upute zato što alat često upotrebljavate i smatrate da ste ga dobro poznali.** Samo jedan trenutak nepažnje dovoljan je za nastanak ozbiljnih ozljeda.

Upotreba i održavanje električnog alata

- **Ne preopterećujte uređaj. Za svaki posao upotrebljavajte prikladan i za to predviđen električni alat.** S odgovarajućim električnim alatom posao ćete obaviti lakše, brže i sigurnije.
- **Nemojte upotrebljavati električni alat čiji je prekidač neispravan.** Električni alat koji se više ne može uključivati i isključivati opasan je i mora se popraviti.
- **Alat prije podešavanja, izmjene pribora i odlaganja isključite iz izvora napajanja i/ili izvadite komplet baterije, ako se vadi iz uređaja.** Ovim mjerama opreza izbjeći će se nehotično uključivanje električnog alata.
- **Električni alat koji ne upotrebljavate spremite izvan doseg djece.** Rukovanje alatom zabranjeno je osobama koje nisu s njim upoznate ili koje nisu pročitale ove upute. Električni alati su opasni ako s njima rade neiskusne osobe.
- **Redovno održavajte električne alate i pribor.** Kontrolirajte rade li besprijekorno pomični dijelovi uređaja, jesu li zaglavljani, polomljeni ili oštećeni tako da to ugrožava daljnju upotrebu i rad električnog alata. Prije upotrebe oštećene dijelove treba popraviti. Loše održavani električni alati uzrok su mnogih nezgoda.
- **Rezne alate održavajte oštrim i čistim.** Pažljivo održavani rezni alati s oštrim oštrocima manje će se zaglavljivati i lakše se s njima radi.
- **Električni alat, pribor, radne alate, itd. upotrebljavajte prema ovim uputama i na način kako je to propisano za određenu vrstu uređaja. Pritom uzmite u obzir radne uvjete i radove koje treba izvršiti.** Upotreba električnog alata za poslove izvan njegove predviđene upotrebe može dovesti do opasnih situacija.
- **Ručke i zahvatne površine održavajte suhima, čistima i pazite da na njih ne dospiju ulje ili mast.** Skliske ručke

i zahvatne površine onemogućuju sigurno rukovanje i alat se teško kontrolira u neočekivanim situacijama.

Upotreba i održavanje akumulatorskih alata

- ▶ **Akumulatorsku bateriju puniti isključivo punjačima koje preporučuje proizvođač.** Ako punjač predviđen za jednu određenu vrstu kompleta baterija rabite s drugim kompletom baterija, postoji opasnost od požara.
- ▶ **Električne alate upotrebljavajte isključivo s posebnim, namjenskim kompletima baterija.** Upotreba drugih kompleta baterija može dovesti do ozljeda i opasnosti od požara.
- ▶ **Komplete baterija dok ih ne upotrebljavate držite dalje od uredskih spajalica, kovanica, ključeva, čavala, vijaka ili drugih sitnih metalnih predmeta koji bi mogli uzrokovati premošćenje kontakata.** Kratki spoj između kontakata baterije može uzrokovati opekline ili požar.
- ▶ **Kod pogrešne primjene iz baterije može isticati tekućina.** Izbjegavajte kontakt s ovom tekućinom. Kod slučajnog kontakta zahvaćeno mjesto treba isprati vodom. Ako vam tekućina uđe u oči, zatražite pomoć liječnika. Tekućina istekla iz baterije može uzrokovati nadraženost kože i opekline.
- ▶ **Ne upotrebljavajte oštećene ili izmijenjene komplete baterija ni alate.** Oštećene ili izmijenjene baterije podložne su nepredvidivom ponašanju i mogu uzrokovati požar, eksploziju ili ozljede.
- ▶ **Držite alat i komplet baterija dalje od vatre i visokih temperatura.** Izlaganje vatri ili temperaturi višoj od 130 °C može uzrokovati eksploziju.
- ▶ **Poštujte sve upute za punjenje i komplet baterija i alat ne puniti pri temperaturama izvan vrijednosti koje su propisane i navedene u uputama.** Nepravilno punjenje ili punjenje pri temperaturama višim od propisanih može oštetiti bateriju i povećati opasnost od požara.

Servisiranje

- ▶ **Popravlak električnog alata prepustite kvalificiranom osoblju ovlaštenog servisa i isključivo s originalnim rezervnim dijelovima.** Tako će biti zajamčen siguran rad s uređajem.
- ▶ **Nikada ne servisirajte oštećene komplete baterija.** Servisiranje kompleta baterija smiju obavljati isključivo proizvođači i ovlašteni serviseri.

Sigurnosne napomene za klamerice

- ▶ **Uvijek pretpostavite da pribijač čavla sadrži pričvršćivače.** Neoprezno rukovanje pribijačem može uzrokovati neočekivano izbacivanje pričvršćivača i osobnih ozljeda.
- ▶ **Odpojite pribijač iz izvora napajanja kad umećete i vadite pričvršćivače, dok obavljate podešavanja ili izmjenjujete pribor.** Pribijač se može nehotično aktivirati ako je priključen u izvor napajanja, što može uzrokovati osobne ozljede.

- ▶ **Budite oprezni prilikom rukovanja pričvršćivačima, posebice kad ih umećete i vadite.** Pričvršćivači imaju oštre vrhove koji mogu prouzročiti osobne ozljede.
- ▶ **Ne usmjeravajte alat prema sebi ni prema drugima u svojoj blizini.** Ako se naglo i neočekivano aktivira, izbacit će pričvršćivač, što može uzrokovati osobne ozljede.
- ▶ **Držite prste podalje od okidača dok ne upotrebljavate pribijač i kad mijenjate radni položaj.** Ako se naglo i neočekivano aktivira, izbacit će pričvršćivač, što može uzrokovati osobne ozljede.
- ▶ **Pribijač držite isključivo za izolirane prihvatne površine ako izvodite radove kod kojih bi pričvršćivač mogao zahvatiti skriveno ožičenje.** Ako pričvršćivač dođe u doticaj sa žicama pod naponom i metalni će dijelovi električnog uređaja biti pod naponom, što može dovesti do električnog udara rukovatelja.
- ▶ **Čvrsto držite pribijač tijekom rada.** Nekontrolirani povratni zakret pribijača može uzrokovati nehotičnu aktivaciju, što može uzrokovati osobne ozljede.
- ▶ **Držite sve dijelove tijela, primjerice ruke, noge i sl., podalje od smjera iz kojeg pribijač izbacuje pričvršćivače.** Pričvršćivač može probiti radni dio i predmet iza njega, što može uzrokovati osobne ozljede.
- ▶ **Prilikom upotrebe pribijača sve dijelove tijela, primjerice ruke, noge i sl., držite podalje od područja na kojem se pričvršćivač pribijač na radni dio.** Pričvršćivač može skrenuti i izaći iz radnog dijela, što može uzrokovati osobne ozljede.
- ▶ **Nemojte pokretati pribijač dok ne bude čvrsto postavljen na radni dio.** Ako pribijač nije u kontaktu s radnim dijelom, pričvršćivač se može odbiti od radnog dijela, što može uzrokovati osobne ozljede.
- ▶ **Nemojte upotrebljavati ovaj pribijač za pričvršćivanje električnih kabela.** Nije namijenjen za instalaciju električnih kabela i može oštetiti izolaciju električnih kabela i tako uzrokovati strujni udar ili požar.
- ▶ **Iskopčajte pribijač iz izvora napajanja ako se pričvršćivač zaglavi u njemu.** Kad uklanjate zaglavljeni pričvršćivač, pribijač se može nehotično aktivirati ako je priključen na izvor napajanja, što može uzrokovati osobne ozljede.
- ▶ **Budite oprezni prilikom uklanjanja zaglavljenog pričvršćivača.** Mehhanizam može biti pod pritiskom i pričvršćivač može prinudno izaći iz alata, što može uzrokovati osobne ozljede.
- ▶ **Koristite prikladne detektore kako biste pronašli skrivene opskrnbne vodove ili zatražite pomoć lokalnog distributera.** Kontakt s električnim vodovima može dovesti do požara i električnog udara. Oštećenje plinske cijevi može dovesti do eksplozije. Probijanje vodovodne cijevi uzrokuje materijalne štete.
- ▶ **U slučaju oštećenja i nestručne uporabe aku-baterije mogu se pojaviti pare.** Aku-baterija može izgorjeti ili eksplodirati. Dovedite svježi zrak i u slučaju potrebe zatražite liječničku pomoć. Pare mogu nadražiti dišne puteve.

- **Ne mijenjajte i ne otvarajte aku-bateriju.** Postoji opasnost od kratkog spoja.
- **Oštrim predmetima kao što su npr. čavli, odvijači ili djelovanjem vanjske sile aku-baterija se može oštetiti.** Može doći do unutrašnjeg kratkog spoja i aku-baterija može izgorjeti, razviti dim, eksplodirati ili se pregrijati.
- **Aku-bateriju koristite samo u proizvodima proizvođača.** Samo na ovaj način je aku-baterija zaštićena od opasnog preopterećenja.



Zaštitite aku-bateriju od vrućine, npr. također od stalnog sunčevog zračenja, vatre, prljavštine, vode i vlage. Postoji opasnost od eksplozije i kratkog

spoja.

Simboli i njihovo značenje

Sljedeći simboli mogli bi biti od važnosti za uporabu vašeg električnog alata. Molimo zapamtite simbole i njihovo značenje. Ispravno tumačenje simbola pomoći će vam da električni alat bolje i sigurnije koristite.

Simboli i njihovo značenje



Nosite zaštitu za uši. Djelovanje buke može dovesti do gubitka sluha.



Nosite zaštitne naočale.

Opis proizvoda i radova

Namjenska uporaba

Električni alat je namijenjen za zabijanje spajalica u drvo. Smiju se upotrebljavati samo elementi za pričvršćenje (čavli, spajalice itd.) koji su specificirani u tablici „Tehnički podaci“.

Napomena: Električni alat nije namijenjen za zabijanje spajalica u metal ili beton.

Prikazani dijelovi alata

Numeriranje prikazanih dijelova odnosi se na prikaz električnog alata na stranici sa slikama.

- (1) Okidni osigurač
- (2) Otvor
- (3) Radno svjetlo
- (4) Okidač
- (5) Ručka (izolirana površina zahvata)
- (6) Tipka za deblokadu aku-baterije
- (7) Aku-baterija
- (8) Pojasna kuka
- (9) Prekidač za otvaranje spremnika

- (10) Klizač spremnika
 - (11) Spremnik
 - (12) Graničnik dubine
 - (13) Kotačić za namještanje graničnika dubine
 - (14) Kontrolni prozorčić pokazivača dopunjavanja
 - (15) Uložak sa spajalicama^{a)}
- a) **Ovaj pribor ne spada u standardni opseg isporuke.**

Tehnički podaci

Akumulatorski pribijač		GTH 18V-14
Kataloški broj		3 601 D82 8..
Nazivni napon	V=	18
Okidni sustavi		
– Pojedinačno okidanje s okidnim osiguračem		●
– Kontaktno okidanje		●
Element za pričvršćenje		
– tip		spajalica za ravnu žicu Bosch Typ 57
– širina stražnje strane	mm	10,6
– duljina	mm	6–14
– debljina	mm	1,25
– kut		0°
Maks. kapacitet spremnika		100
Dimenzije (bez aku-baterije)		
– visina	mm	223
– širina	mm	81
– duljina s kontaktnim elementom	mm	247
Težina ^{A)}	kg	1,8
Preporučena temperatura okoline kod punjenja	°C	0 ... +35
Dopuštena temperatura okoline pri radu ^{B)} i kod skladištenja	°C	–20 ... +50
Kompatibilne aku-baterije		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Preporučene aku-baterije za puni učinak		GBA 18V... ≥ 2,0 Ah
Preporučeni punjači		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...

Akumulatorski pribijač**GTH 18V-14**GAX 18...
EXAL18...

- A) Bez aku-baterije (Težinu aku-baterije naći ćete na internetskoj stranici www.bosch-professional.com)
- B) ograničeni učinak pri temperaturama $< 0^{\circ}\text{C}$
- Vrijednosti se mogu razlikovati ovisno o proizvodu i ovisе o uvjetima primjene i okoline. Dodatne informacije na www.bosch-professional.com/wac.

Informacije o buci i vibracijama

Emisijske vrijednosti buke utvrđene sukladno **EN IEC 62841-2-16**.

Razina buke električnog alata prema ocjeni A iznosi obično: razina zvučnog tlaka **87 dB(A)**; razina zvučne snage **97 dB(A)**. Nesigurnost $K = 3 \text{ dB}$.

Nosite zaštitu za uši!

Vrijednosti vibracija a_h (kontinuirane vibracije), p_f (ponovljene udarne vibracije) i nesigurnost K utvrđene u skladu s normom **EN IEC 62841-2-16**:

$a_h = 1,3 \text{ m/s}^2$ ($K = 1,5 \text{ m/s}^2$), $p_f = 1409 \text{ m/s}^2$ ($K = 63 \text{ m/s}^2$)

Razina titranja koja je navedena u ovim uputama i emisijska vrijednost buke izmjerene su sukladno normiranom postupku mjerenja te se mogu koristiti za međusobnu usporedbu električnih alata. Primjerene su i za privremenu procjenu emisije titranja i buke.

Navedena razina titranja i emisijska vrijednost buke predstavljaju glavne primjene električnog alata. Ako se ustvari električni alat koristi za druge primjene s radnim alatima koji odstupaju od navedenih ili se nedovoljno održavaju, razina titranja i emisijska vrijednost buke mogu odstupati. Na taj se način može osjetno povećati emisija titranja i buke tijekom čitavog vremenskog perioda rada.

Za točnu procjenu emisija titranja i buke trebaju se uzeti u obzir i vremena, tijekom kojih je alat bio isključen ili je radio, ali se zapravo nije koristio. Na taj se način može osjetno smanjiti emisija titranja i buke tijekom čitavog vremenskog perioda rada.

Određite dodatne sigurnosne mjere za zaštitu korisnika prije djelovanja titranja kao npr.: održavanje električnog alata i nastavaka, održavanje toplih ruku, organizacija tokova rada.

Aku-baterija

Bosch prodaje akumulatorske električne alate i bez aku-baterije. Ako je aku-baterija sadržana u opsegu isporuke vašeg električnog alata, možete je izvaditi iz ambalaže.

Punjenje aku-baterije

- **Koristite samo punjače navedene u tehničkim podacima.** Samo su ovi punjači prilagođeni litij-ionskoj aku-bateriji koja se koristi u vašem električnom alatu.

Napomena: Litij-ionske aku-baterije isporučuju se djelomično napunjene zbog međunarodnih propisa o prijevozu. Kako bi se zajamčio puni učinak aku-baterije, prije prve uporabe aku-bateriju napunite do kraja.

Umetanje aku-baterije

Umetnite napunjenu aku-bateriju u prihvatač aku-baterije sve dok se ne uglati.

Vađenje aku-baterije

Za vađenje aku-baterije pritisnite tipku za deblokadu aku-baterije i izvucite aku-bateriju. **Pritom ne primjenjujte silu.** Aku-baterija ima 2 stupnja blokiranja koji trebaju spriječiti da aku-baterija ispadne kod nehotičnog pritiska na tipku za deblokadu aku-baterije. Čim se aku-baterija stavi u električni alat, ona će se pomoću opruge zadržati u određenom položaju.

Pokazivač stanja napunjenosti aku-baterije

Napomena: Svaki tip aku-baterije nema pokazivač stanja napunjenosti.

Tri zelena LED pokazivača stanja napunjenosti aku-baterije pokazuju stanje napunjenosti aku-baterije. Upit o stanju napunjenosti iz sigurnosnih razloga moguć je samo u stanju mirovanja električnog alata.

Pritisnite tipku za prikaz stanja napunjenosti  ili  za prikaz stanja napunjenosti. To je također moguće i kod izvadene aku-baterije.

Ako nakon pritiska na tipku za prikaz stanja napunjenosti ne svijetli LED, aku-baterija je neispravna i mora se zamijeniti.

Tip aku-baterije GBA 18V... | GBA18V...

LED	Kapacitet
Stalno svijetli 3 × zelena	60–100 %
Stalno svijetli 2 × zelena	30–60 %
Stalno svijetli 1 × zelena	5–30 %
Treperi 1 × zelena	0–5 %

Tip aku baterije ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...

LED	Kapacitet
Stalno svijetli 5 × zelena	80–100 %
Stalno svijetli 4 × zelena	60–80 %
Stalno svijetli 3 × zelena	40–60 %
Stalno svijetli 2 × zelena	20–40 %
Stalno svijetli 1 × zelena	5–20 %
Treperi 1 × zelena	0–5 %

Detekcija rizika od kvara aku-baterije**EXPERT18V... | EXBA18V...**

LED diode pokazivača stanja napunjenosti aku-baterije mogu osim stanja napunjenosti aku-baterije pokazati rizik od kvara aku-baterije.

Za aktiviranje funkcije pritisnite i držite pritisnutu tipku za prikaz stanja napunjenosti  3 sekunde. Treperenje pokazivača stanja napunjenosti aku-baterije signalizira analizu aku-baterije. Rezultat će se pokazati na pokazivaču stanja napunjenosti aku-baterije.



1 LED: Aku-baterija ima veliki rizik od kvara.

Snaga i vrijeme rada mogu biti već smanjeni.

Preporučuje se zamjena aku-baterije.



5 LED: Aku-baterija je u dobrom stanju s malim rizikom od kvara.

Vodite računa o sljedećem: Procjena rizika od kvara aku-baterije funkcionira u dvije faze i nudi pojednostavljenu procjenu stanja. Aku-baterija je ocijenjena u dobrom stanju ili ima povećan rizik od kvara. Ne prikazuje se postotak stanja aku-baterije.

Napomene za optimalno rukovanje aku-baterijom

Zaštitite aku-bateriju od vlage i vode.

Aku-bateriju čuvajte samo u prostoriji u kojoj je raspon temperature od –20 °C do 50 °C. Npr. aku-bateriju ljeti na ostavljajte u automobilu.

Otvore za hlađenje aku-baterije redovito čistite mekim, čistim i suhim kistom.

Bitno skraćanje vremena rada nakon punjenja pokazuje da je aku-baterija istrošena i da je treba zamijeniti.

Pridržavajte se uputa za zbrinjavanje u otpad.

Montaža

- ▶ **Prije svih radova na električnom alatu (npr. održavanje, zamjena alata, itd.) aku-bateriju treba izvaditi iz električnog alata.** Kod nehotičnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od ozljeda.
- ▶ **Uvijek odložite električni alat na stranu i ne stavljajte ga na aku-bateriju.** Električni alat može se prevrnuti ovisno o korištenom radnom alatu i aku-bateriji.

Punjenje spremnika (vidjeti slike A1–A2)

- ▶ **Izvadite aku-bateriju prije namještanja alata, zamjene pribora ili odlaganja električnog alata.** Ove mjere opreza sprječavaju nehotično pokretanje električnog alata.

Koristite samo originalan Bosch pribor. Precizni dijelovi električnog alata, kao što su spremnik, otvor i kanal za izbacivanje, prilagođeni su **spajalicama, čavlima i zaticima** tvrtke **Bosch**. Ostali proizvođači koriste druge kvalitete čelika i dimenzije.

Napomena: Upotrebljavajte samo elemente za pričvršćenje koji su specificirani u tablici „Tehnički podaci“.

Uporabom nedopuštenih elemenata za pričvršćenje može se oštetiti električni alat i uzrokovati ozljede.

Držite električni alat tijekom punjenja spremnika tako da otvor **(2)** nije usmjeren prema vašem tijelu niti prema drugim osobama.

- Pritisnite prekidač **(9)** za otvaranje spremnika. Klizač spremnika **(10)** se izvlači.
- Umetnite uložak sa spajalicama s vrhovima spajalica okrenutim prema gore u gornji dio spremnika **(11)**.

Napomena: Elektronički nadzor prepoznaje nalaze li se spajalice u spremniku. Ako pritisnete okidni osigurač kada je spremnik prazan, neće se aktivirati pričvršćivanje. Time se sprječavaju hici u prazno.

- Povucite klizač spremnika **(10)** na početku spremnika dok se klizač spremnika ne uglati.

Napomena: Klizač spremnika mora se moći pomicati natrag bez velike upotrebe sile (samo silom prsta). Zaglavljeni klizač spremnika ima sljedeći učinak: Spajalica se ne izbacuje, spajalica ostaje visjeti u kanalu za izbacivanje (vidi Zaglavljenje) ili se spajalica izbacuje pod pogrešnim kutom.

Rad

- ▶ **Uvijek odložite električni alat na stranu i ne stavljajte ga na aku-bateriju.** Električni alat može se prevrnuti ovisno o korištenom radnom alatu i aku-bateriji.

Okidni sustavi

Pojedinačno okidanje s okidnim osiguračem

Kod ovog okidnog sustava najprije trebate staviti okidni osigurač **(1)** čvrsto na izradak. Element za pričvršćenje se izbacuje tek kada pritisnete okidač **(4)**.

Zatim se mogu aktivirati daljnja pričvršćenja samo kada je okidač **(4)** ponovno stavljen u početni položaji i kada je okidni osigurač **(1)** utisnut do kraja.

Kontaktno okidanje

Kod ovog okidnog sustava najprije trebate pritisnuti okidač **(4)** i držati ga u tom položaju. Zatim trebate staviti okidni osigurač **(1)** čvrsto na izradak kako bi se izbacio element za pričvršćenje. Dok je okidač **(4)** pritisnut, mogu se aktivirati daljnja pričvršćenja ponovnim stavljanjem na drugo mjesto.

Puštanje u rad

Uključivanje/isključivanje

Električni alat je spreman za rad nakon umetanja aku-baterije **(7)**.

Pribijanje – pojedinačno okidanje

- Stavite otvor **(2)** na izradak tako da je okidni osigurač **(1)** utisnut do kraja.
- Radno svjetlo **(3)** se uključuje.
- Zatim kratko pritisnite okidač **(4)** i ponovno ga otpustite. Pritom će se izbaciti jedna spajalica.
- Za daljnje pričvršćenje potpuno podignite električni alat sa izratka i ponovno ga čvrsto stavite na sljedeće željeno mjesto.

Alternativno možete držati pritisnut okidni osigurač **(1)** i aktivirati okidač **(4)** kako biste izbacili sljedeću spajalicu.

Pribijanje – kontaktno okidanje

- Držite pritisnut okidač **(4)**.
Radno svjetlo **(3)** se uključuje.
- Stavite otvor **(2)** na izradak tako da je okidni osigurač **(1)** utisnut do kraja.
Pritom će se izbaci jedna spajalica.
- Za daljnje pričvršćenje dalje držite pritisnut okidač **(4)** i potpuno podignite električni alat s izratka. Ponovno ga čvrsto stavite na sljedeće željeno mjesto.
Pritom će se izbaci sljedeća spajalica.

Napomena: Pričekajte da se spajalica izbaci do kraja prije nego što podignete električni alat s izratka.

Upute za rad

- **Prije svih radova na električnom alatu (npr. održavanje, zamjena alata, itd.) aku-bateriju treba izvaditi iz električnog alata.** Kod nehotičnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od ozljeda.

Prije svakog početka rada provjerite besprijekornu funkciju sigurnosnih i okidnih uređaja te čvrst dosjed svih vijaka i matica.

Odmah odvojite neispravan električni alat ili koji ne radi besprijekorno od dovoda energije i kontaktirajte ovlašteni Bosch servis.

Ne izvodite nepropisane manipulacije na električnom alatu. Nemojte demontirati ili blokirati dijelove električnog alata, npr. okidni osigurač.

Ne izvodite „hitne popravke“ neprikladnim sredstvima. Električni alat treba redovito i pravilno održavati.

Izbjegavajte svako slabljenje i oštećenje električnog alata, npr. zbog:

- zabijanja ili graviranja,
- mjera preinake koje nije odobrio proizvođač,
- vođenja uz šablone koje su izrađene od tvrdog materijala, npr. čelika,
- ispadanja na pod ili pomicanja po podu,
- rukovanja kao čekićem,
- bilo kojeg načina upotrebe sile.

Provjerite što se nalazi ispod ili iza izratka. Nemojte izbacivati spajalice u zidove, stropove ili podove ako se iza njih nalaze osobe. Spajalice mogu probiti izradak i nekoga ozlijediti.

Nemojte izbacivati spajalice na već zabijene spajalice. Pritom se spajalica može deformirati, spajalice se mogu zaglaviti ili se električni alat može nekontrolirano pomaknuti. Ako se električni alat upotrebljava u hladnim uvjetima okoline, prve spajalice će se zabijati sporije nego inače. Nakon što se električni alat zagrijao tijekom rada, ponovno je moguća normalna radna brzina.

Izbjegavajte hice u prazno kako bi se spriječilo trošenje udarnog žiga.

Tijekom duljih radnih stanki ili na kraju rada izvadite aku-bateriju iz električnog alata i po mogućnosti ispraznite spremnik. Položite električni alat na ravnu površinu tako da se ne aktivira kontaktni element.

Pražnjenje spremnika (vidjeti slike B1–B2)

- Pritisnite prekidač **(9)** za otvaranje spremnika. Klizač spremnika **(10)** se izvlači.
- Okrenite električni alat tako da sklizne uložak sa spajalicama **(15)** u spremniku **(11)**.
- Za zatvaranje spremnika pažljivo povucite klizač spremnika **(10)** prema naprijed do početka spremnika **(11)**.

Namještanje graničnika dubine (vidjeti sliku C)

Dubinu zabijanja spajalica možete namjestiti kotačićem za namještanje **(13)**.

- Ispraznite spremnik **(11)**.
- **Spajalice su preduboko zabijene:** Okrenite kotačić za namještanje **(13)** u smjeru  kako biste smanjili dubinu zabijanja.
- **Spajalice nisu dovoljno duboko zabijene:** Okrenite kotačić za namještanje **(13)** u smjeru  kako biste povećali dubinu zabijanja.

Provjerite naliže li graničnik dubine **(12)** potpuno na izradak.

- Ponovno napunite spremnik.
- Provjerite novu dubinu zabijanja na probnom izratku.
Po potrebi ponovite radne korake.

Odvajanje zaglavljenja

Pojedinačne spajalice mogu se zaglaviti u kanal za izbacivanje. Ako se to češće događa, kontaktirajte ovlašteni Bosch servis.

- Otpustite okidač **(4)**.
- Izvadite aku-bateriju **(7)**.
- Pritisnite prekidač **(9)** za otvaranje spremnika.
- Okrenite električni alat tako da sklizne uložak sa spajalicama **(15)** u spremniku **(11)**. Izvadite zaglavljenu spajalicu. Po potrebi koristite klijesta.
- Ponovno napunite spremnik **(11)**.
- Povucite klizač spremnika **(10)** na početku spremnika dok se klizač spremnika ne uglati.

Transport i spremanje

Izvadite aku-bateriju iz električnog alata radi transporta posebno ako rabite ljestve ili se krećete u neobičnom položaju tijela.

Nosite električni alat na radnom mjestu samo držeći za ručku **(5)** i s nepritisnutim okidačem **(4)**.

Čuvajte električni alat tako da je uvijek odvojen od aku-baterije na suhom, toplom mjestu.

Ako nećete upotrebljavati električni alat dulje vrijeme, premažite čelične dijelove alata tankim slojem ulja. To sprječava nakupljanje hrđe.

Pojasna kuka (vidjeti sliku D)

Pomoću pojasne kuke **(8)** možete objesiti električni alat npr. na remen. U tom slučaju imate obje ruke slobodne i električni alat je u svakom trenutku spreman za držanje.

Održavanje i servisiranje

Održavanje i čišćenje

- Prije svih radova na električnom alatu (npr. održavanje, zamjena alata, itd.) aku-bateriju treba

izvaditi iz električnog alata. Kod nehotičnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od ozljeda.

- **Održavajte električni alat i ventilacijske proreze čistima kako biste radili dobro i sigurno.**

Plan održavanja

Očistite spremnik **(11)**. Uklonite drvenu strugotinu koja se može nakupiti u spremniku tijekom rada. Električni alat čistite u redovitim razmacima pomoću komprimiranog zraka.

Mjera	Obrazloženje	Provođenje
Očistite spremnik (11) i klizač spremnika (10) .	Sprječava zaglavlivanje spajalice.	– Ispušite mehanizam spremnika/klizač spremnika komprimiranim zrakom.
Uvjerite se da okidni osigurač (1) propisno radi.	Pridonosi vašoj sigurnosti na radu i učinkovitoj uporabi električnog alata.	– Ispušite mehanizam okidnog osigurača komprimiranim zrakom.

Uklanjanje smetnji

Smetnja	Uzrok	Pomoć
Električni alat nije spreman za rad.	Aku-baterija nije napunjena ili je neispravna.	– Napunite aku-bateriju do kraja ili je zamijenite.
	Aku-baterija nije pravilno stavljena.	– Uvjerite se da je aku-baterija uglavljena na ručki.
	Temperatura aku-baterije je previsoka ili preniska.	– Pričekajte da aku-baterija (ponovno) postigne optimalnu radnu temperaturu.
	Kontakti aku-baterije ili motor su zaprljani ili neispravni.	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
	Spremnik (11) je prazan.	– Ponovno napunite spremnik. (vidi „Punjenje spremnika (vidjeti slike A1–A2)“, Stranica 10)
	Okidni osigurač (1) je savijen.	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
Električni alat je spreman za rad, ali ne izbacuje spajalice.	Elektronika je neispravna.	– Kontaktirajte ovlaštene Bosch servis.
	Mogući kvar sljedećih sastavnih dijelova:	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
	– okidača (4)	
	– udarnog žiga	
	– motora ili prijenosnika	
	– elektronike	
	Strana tijela su se nakupila u mehanizmu za izbacivanje.	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
	Strana tijela su se nakupila u otvoru (2) ili spremniku (11) .	– Očistite otvor (2) ili spremnik (11) .
	Jedna spajalica se zaglavila u kanalu za izbacivanje.	– Odvojite zaglavljenje. (vidi „Odvajanje zaglavljenja“, Stranica 11)
	Klizač spremnika (10) je zaglavljen ili je neispravan.	– Po potrebi očistite klizač spremnika (10) i provjerite da spremnik (11) nije zaprljan.
		– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
	Opruga klizača spremnika je preslaba ili neispravna.	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.

Smetnja	Uzrok	Pomoć
	Korištene spajalice nisu dopuštene.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo spajalice koje su specificirane u tablici „Tehnički podaci“.
	Spremnik (11) je prazan.	– Ponovno napunite spremnik. (vidi „Punjenje spremnika (vidjeti slike A1 – A2)“, Stranica 10)
	Okidač (4) i okidni osigurač (1) istovremeno su aktivirani.	– Ponovo provedite pričvršćivanje i pritom pazite na ispravan redoslijed aktiviranja.
Spajalice su preduboko zabijene.	Graničnik dubine (12) je preduboko namješten.	– Namjestite graničnik dubine (12) na željenu dubinu. (vidi „Namještanje graničnika dubine (vidjeti sliku C)“, Stranica 11)
	Graničnik dubine (12) ne naliježe potpuno na izradak.	– Provjerite naliježe li graničnik dubine (12) potpuno na izradak.
	Odbojnik je istrošen.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
Spajalice nisu dovoljno duboko zabijene.	Aku-baterija nije napunjena ili je neispravna.	– Napunite aku-bateriju do kraja ili je zamijenite.
	Korištene spajalice su preduge.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo spajalice koje su specificirane u tablici „Tehnički podaci“.
	Graničnik dubine je previsoko namješten.	– Namjestite graničnik dubine na željenu dubinu. (vidi „Namještanje graničnika dubine (vidjeti sliku C)“, Stranica 11)
	Pritisak na izradak je premali.	– Električnim alatom vršite veći pritisak na izradak.
	Udarni žig je neispravan.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
Električni alat preskače spajalice.	Korištene spajalice nisu dopuštene.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo spajalice koje su specificirane u tablici „Tehnički podaci“.
	Opruga klizača spremnika je preslaba ili neispravna.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
Spajalice se često zaglavljaju u kanalu za izbacivanje.	Korištene spajalice nisu dopuštene.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo spajalice koje su specificirane u tablici „Tehnički podaci“.
		– Kontaktirajte ovlašteni Bosch servis.
	Spajalice su stare, ljepilo između spajalica više ne drži.	– Upotrebljavajte novi uložak sa spajalicama
Zabijene spajalice su savijene.	Udarni žig je oštećen.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
	Električni alat se upotrebljava za nedopušteni materijal (npr. beton, kamen).	– Upotrebljavajte električni alat samo za dopušteni materijal. (vidi „Namjenska uporaba“, Stranica 8)

Servisna služba i savjeti o uporabi

Hrvatski

Tel.: +385 12 958 051

U slučaju upita ili naručivanja rezervnih dijelova, molimo vas obavezno navedite 10-znamenkasti kataloški broj s tipske pločice proizvoda.

Zbrinjavanje

Električne alate, aku-baterije, pribor i ambalažu treba dovesti na ekološki prihvatljivo recikliranje.



Električni alat i aku-baterije/baterije ne bacajte u kućni otpad!

Samo za zemlje EU:

Električni i elektronski uređaji ili iskorišteni akumulatori/baterije koji više nisu uporabivi, moraju se odvojene sakupljati i zbrinuti na ekološko prihvatljiv način. Koristite predviđene sustave prikupljanja otpada. Nepravilno zbrinjavanje može biti štetno za okoliš i zdravlje zbog opasnih tvari koje može sadržavati.

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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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