



Professional HEAVY DUTY

GNH 18V-35

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

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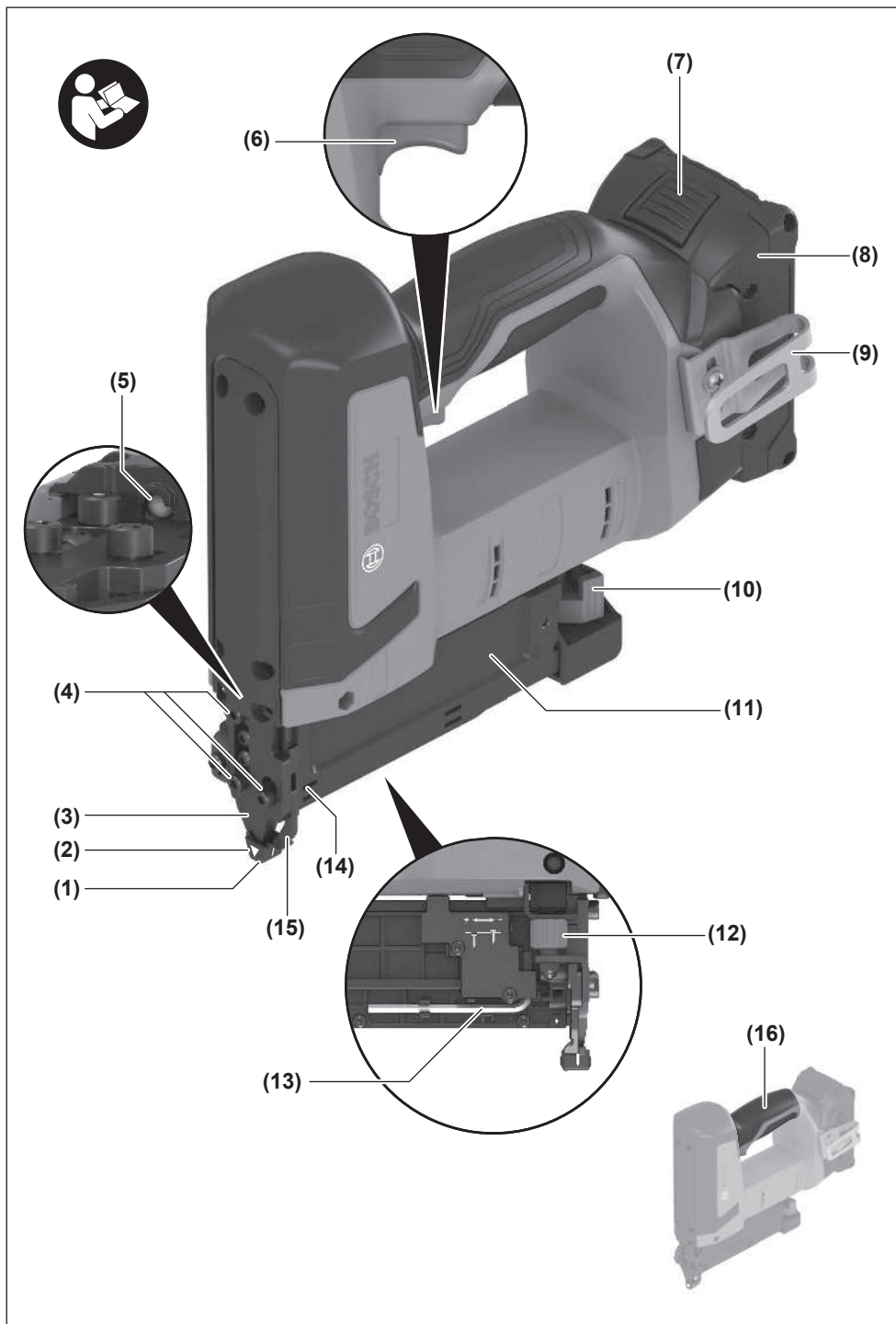


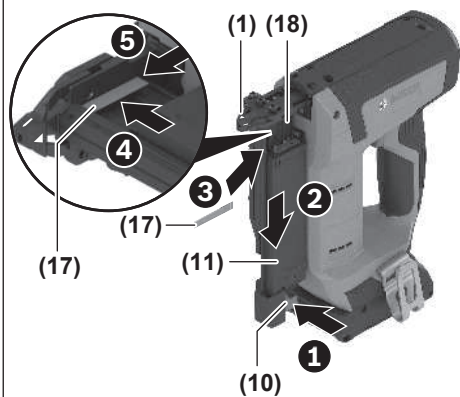
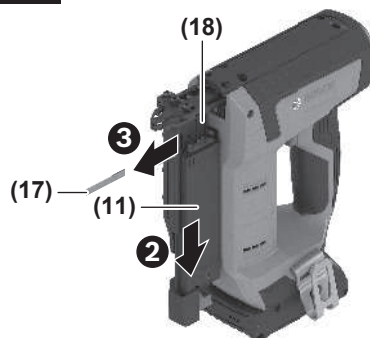
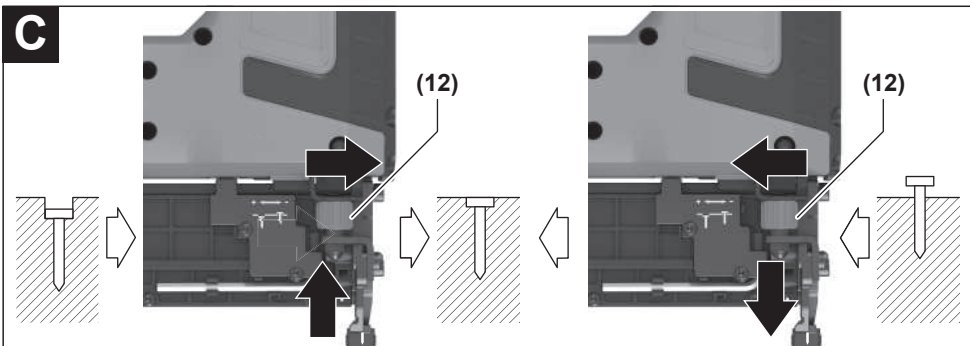
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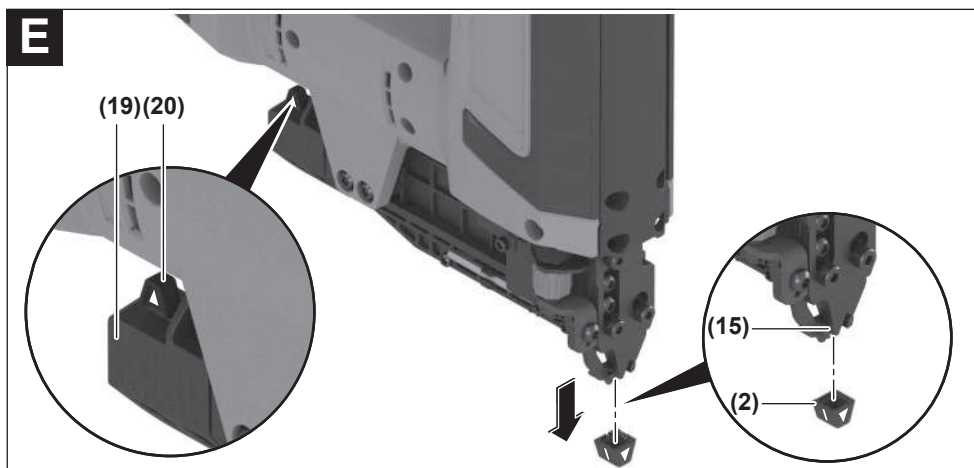
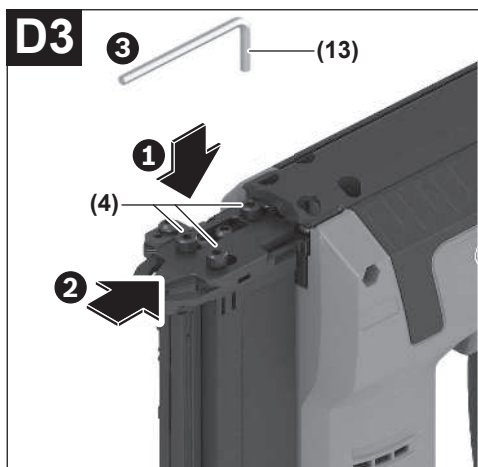
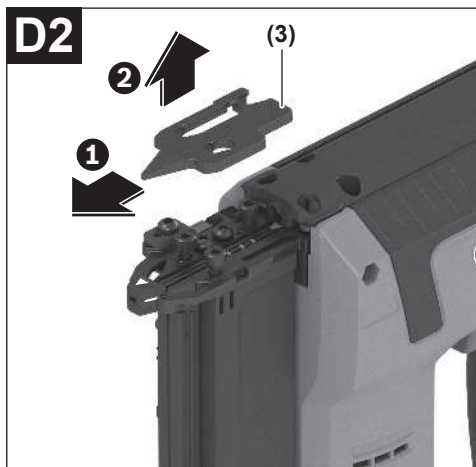
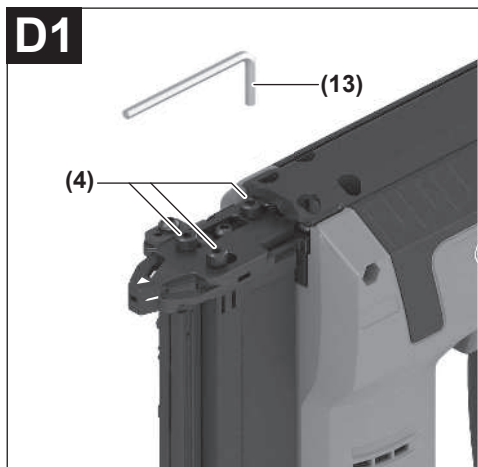


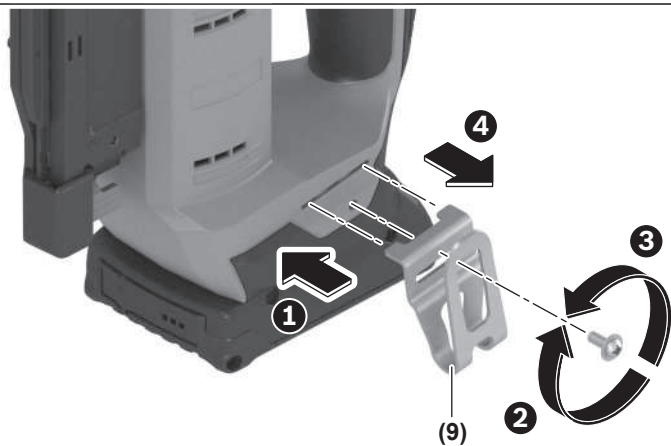
Hrvatski	Stranica 7
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A1**A2****B1****B2****C**



F

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 kablom) 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.

► Spriječite 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 oštirim i čistim.** Pažljivo održavani rezni alati s oštirim 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.

Sigurnosna upozorenja za pribijač

- ▶ **Uvijek pretpostavite da pribijač čavla sadrži pričvršćivače.** Neoprezno rukovanje pribijačem može dovesti do neočekivanog izbacivanja pričvršćivača i osobnih ozljeda.
- ▶ **Iskopčajte alat iz izvora napajanja kad umećete i vadite pričvršćivače, kao i dok podešavate ili zamjenjujete pribor.** Alat 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 pribijač 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 položaj tijekom primjene.** 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 uzrokovati strujni udar 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 pribija na radni dio.** Pričvršćivač može skrenuti i izaći iz radnog dijela, što može uzrokovati osobne ozljede.
- ▶ **Nemojte pokretati pribijač sve 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 pribijaču.** Prilikom uklanjanja zaglavljenog pričvršćivača pribijač se može nehotično aktivirati ako je priključen na izvor napajanja, što može uzrokovati osobne ozljede.
- ▶ **Budite oprezni prilikom uklanjanja zaglavljenog pričvršćivača.** Mehanizam može biti pod pritiskom i pričvršćivač može prinudno izaći iz alata, što može uzrokovati osobne ozljede.
- ▶ **Koristite prikladne detektore kako biste pronašli skrivene opskrbe 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



Treba pročitati sve sigurnosne napomene i upute. Propusti do kojih može doći uslijed nepridržavanja sigurnosnih napomena i uputa mogu uzrokovati električni udar, požar i/ili teške ozljede.

Pridržavajte se slika na početku uputa za uporabu.

Namjenska uporaba

Električni alat je namijenjen za zabijanje čavala 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 čavala u metal ili beton.

Prikazani dijelovi alata

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

- (1) Otvor
- (2) Štitnik izratka 1

- (3) Poklopac kanala za izbacivanje
 - (4) Vijci za otvaranje/zatvaranje kanala za izbacivanje
 - (5) Radno svjetlo
 - (6) Okidač
 - (7) Tipka za deblokadu aku-baterije
 - (8) Aku-baterija
 - (9) Pojasna kuka
 - (10) Prekidač za otvaranje spremnika
 - (11) Klizač spremnika
 - (12) Kotačić za namještanje graničnika dubine
 - (13) Šesterokutni ključ
 - (14) Kontrolni prozorčić pokazivača dopunjavanja
 - (15) Okidni osigurač
 - (16) Ručka (izolirana površina zahvata)
 - (17) Uložak s čavlima^{a)}
 - (18) Spremnik
 - (19) Spremište za spremanje štitnika izratka
 - (20) Štitnik izratka 2
- a) **Ovaj pribor ne spada u standardni opseg isporuke.**

Tehnički podaci

Akumulatorski pribijač za čavle		GNH 18V-35
Kataloški broj		3 601 D82 7..
Nazivni napon	V=	18
Okidni sustav		
- Pojedinačno okidanje s okidnim osiguračem		●
Element za pričvršćenje		
- tip		Zatik PRO PN23 G
- duljina	mm	15 19 25 30 35
- promjer	mm	0,6
	ga	23
- kut		0°
Maks. kapacitet spremnika		110
Dimenzije (bez aku-baterije)		
- visina	mm	214
- širina	mm	81
- duljina sa štitnikom izratka	mm	232
Težina ^{A)}	kg	1,7
Preporučena temperatura okoline kod punjenja	°C	0 ... +35

Akumulatorski pribijač za čavle		GNH 18V-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		GBA 18V... ≥ 2,0 Ah
Preporučeni punjači		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... 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 °C

Vrijednosti se mogu razlikovati ovisno o proizvodu i ovise 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 **88 dB(A)**; razina zvučne snage **97 dB(A)**. Nesigurnost K = **3 dB**.

Nosite zaštitu za uši!

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

$a_h = 1,6 \text{ m/s}^2$ (K = **1,5 m/s²**), $p_f = 1924 \text{ m/s}^2$ (K = **120 m/s²**)

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

► **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.

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 %

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 skraćivanje 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.

Kada puniti spremnik, držite električni alat tako da otvor **(1)** nije usmjeren prema vašem tijelu niti prema drugim osobama.

- Pritisnite prekidač **(10)** za otvaranje spremnika. Klizač spremnika **(11)** se izvlači.
- Umetnite uložak s čavlima **(17)** u lijevi gornji dio spremnika **(18)**.

Napomena: Napunite spremnik samo s čavlima iste duljine. Izvadite čavle iz spremnika prije nego što umetnete čavle druge duljine.

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

- Za zatvaranje spremnika **(18)** pažljivo povucite klizač spremnika **(11)** prema naprijed do početka spremnika **(18)**.

Napomena: Klizač spremnika mora se moći pomicati natrag bez velike upotrebe sile (samo silom prsta). Zaglavljani klizač spremnika ima sljedeći učinak: Čavao se ne izbacuje, čavao ostaje visjeti u kanalu za izbacivanje (vidi Zaglavljenje) ili se čavao 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 sustav

Pojedinačno okidanje s okidnim osiguračem

Kod ovog okidnog sustava najprije trebate staviti okidni osigurač **(15)** čvrsto na izradak. Element za pričvršćenje se izbacuje tek kada pritisnete okidač **(6)**. Zatim se mogu aktivirati daljnja pričvršćenja samo kada je okidač **(6)** ponovno stavljen u početni položaji i kada je okidni osigurač **(15)** utisnut do kraja.

Puštanje u rad

Uključivanje/isključivanje

Električni alat je spreman za rad nakon umetanja aku-baterije **(8)**.

Izbacivanje čavala

- Stavite otvor **(1)** ili po potrebi gumirani štitnik izratka **(2)** čvrsto na izradak tako da je okidni osigurač **(15)** utisnut do kraja. Radno svjetlo **(5)** se uključuje.
- Zatim kratko pritisnite okidač **(6)** i ponovno ga otpustite. Pritom će se izbaciti jedan čavao.
- Za daljnje pričvršćenje potpuno podignite električni alat s izratka i ponovno ga čvrsto stavite na sljedeće željeno mjesto. Alternativno možete držati pritisnut okidni osigurač **(15)** i aktivirati okidač **(6)** kako biste izbacili sljedeći čavao.

Upute za rad

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 besprijeekorno 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 čavle u zidove, stropove ili podove ako se iza njih nalaze osobe. Čavli mogu probiti izradak i nekoga ozlijediti.

Nemojte izbacivati čavao na već zabijeni čavao. Pritom se čavao može deformirati, čavli se mogu zaglaviti ili se električni alat može nekontrolirano pomaknuti.

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.

Praženje spremnika (vidjeti slike B1–B2)

- Pritisnite prekidač (10) za otvaranje spremnika. Klizač spremnika (11) se izvlači.
- Okrenite električni alat tako da sklizne uložak s čavlima (17) u spremniku (18).
- Za zatvaranje spremnika (18) pažljivo povucite klizač spremnika (11) prema naprijed do početka spremnika (18).

Namještanje graničnika dubine (vidjeti sliku C)

Dubinu zabijanja čavala možete namjestiti kotačićem za namještanje (12).

- Ispraznite spremnik (18).
- **Čavli su preduboko zabijeni:** Okrenite kotačić za namještanje (12) u smjeru „–“ kako biste smanjili dubinu zabijanja.
- **Čavli nisu dovoljno duboko zabijeni:** Okrenite kotačić za namještanje (12) u smjeru „+“ kako biste povećali dubinu zabijanja.



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

Odvajanje zaglavljena (vidjeti slike D1–D3)

Pojedinačni čavli mogu se zaglaviti u kanalu za izbacivanje. Ako se to češće događa, kontaktirajte ovlašteni Bosch servis.

- Otpustite okidač (6).
- Izvadite aku-bateriju (8) iz električnog alata.
- Ispraznite spremnik (18).
- Otpustite vijke za otvaranje/zatvaranje kanala za izbacivanje (4) pomoću šesterokutnog ključa (13) i skinite poklopac kanala za izbacivanje (3) na način da ga pomaknete i podignete tako da se kanal za izbacivanje može otvoriti.
- Uklonite zaglavljena čavao. Po potrebi koristite klijesta.
- Zatvorite kanal za izbacivanje tako da stavite poklopac kanala za izbacivanje (3) i do kraja gurnite do graničnika do kućišta električnog alata.
- Pritegnite vijke za otvaranje/zatvaranje kanala za izbacivanje (4) pomoću šesterokutnog ključa (13).
- Ponovno napunite spremnik (18).

Zamjena štitnika izratka (vidjeti sliku E)

Štitnik izratka (2) na kraju okidnog osigurača (15) štiti izradak sve dok se električni alat pravilno ne postavi za pričvršćenje. Štitnik izratka može se skinuti i zamijeniti

- Otpustite okidač (6).
- Izvadite aku-bateriju (8) iz električnog alata.
- Ispraznite spremnik (18).
- Povucite štitnik izratka s okidnog osigurača.
- Stavite novi štitnik izratka s otvorenim krajem na okidni osigurač.

Napomena: Štitnik izratka (20) za radove na uskim mjestima čuva se na donjoj strani spremnika (18). Nakon zamjene štitnika izratka stavite drugi štitnik izratka u spremište (19).

Transport i spremanje

Izvadite aku-bateriju iz električnog alata radi transporta.

Nosite električni alat na radnom mjestu samo držeći za ručku (16) i s nepritisnutim okidačem (6).

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 F)

Pomoću pojasne kuke (9) 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 **(18)**. 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 (18) i klizač spremnika (11) .	Sprječava zaglavlivanje čavla.	– Ispuštite mehanizam spremnika/klizač spremnika komprimiranim zrakom.
Uvjerite se da okidni osigurač (15) propisno radi.	Pridonosi vašoj sigurnosti na radu i učinkovitoj uporabi električnog alata.	– Ispuštite 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 uglačljena 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 (18) je prazan.	– Ponovno napunite spremnik. (vidi „Punjenje spremnika (vidjeti slike A1–A2)“, Stranica 11)
	Okidni osigurač (15) je savijen.	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
Električni alat je spreman za rad, ali ne izbacuje čavle.	Elektronika je neispravna.	– Kontaktirajte ovlaštene Bosch servis.
	Mogući kvar sljedećih sastavnih dijelova:	– Kontaktirajte ovlaštene Bosch servis. Tamo zamijenite sastavni dio.
	– okidača (6)	
	– 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 (1) ili spremniku (18) .	– Očistite otvor (1) ili spremnik (18) .
	Jedan čavao se zaglavio u kanal za izbacivanje.	– Odvojite zaglavljenje. (vidi „Odvajanje zaglavljenja (vidjeti slike D1–D3)“, Stranica 12)
	Klizač spremnika (11) je zaglavljen ili je neispravan.	– Po potrebi očistite klizač spremnika (11) i provjerite da spremnik (18) 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.
	Korišteni elementi za pričvršćenje nisu dopušteni.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo elementi za pričvršćenje (čavli, spajalice itd.)

Smetnja	Uzrok	Pomoć
		koji su specificirani u tablici „Tehnički podaci“.
	Spremnik (18) je prazan.	– Ponovno napunite spremnik. (vidi „Punjenje spremnika (vidjeti slike A1 – A2)“, Stranica 11)
	Okidač (6) i okidni osigurač (15) istovremeno su aktivirani.	– Ponovo provedite pričvršćivanje i pritom pazite na ispravan redoslijed aktiviranja.
Čavli su preduboko zabijeni.	Graničnik dubine je preduboko namješten.	– Namjestite graničnik dubine na željenu dubinu. (vidi „Namještanje graničnika dubine (vidjeti sliku C)“, Stranica 12)
	Odbojnik je istrošen.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
Čavli nisu dovoljno duboko zabijeni.	Aku-baterija nije napunjena ili je neispravna.	– Napunite aku-bateriju do kraja ili je zamijenite.
	Elementi za pričvršćenje su predugi.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo elementi za pričvršćenje (čavli, spajalice itd.) koji su specificirani u tablici „Tehnički podaci“.
	Graničnik dubine je previsoko namješten.	– Namjestite graničnik dubine na željenu dubinu. (vidi „Namještanje graničnika dubine (vidjeti sliku C)“, Stranica 12)
	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 čavle.	Korišteni elementi za pričvršćenje nisu dopušteni.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo elementi za pričvršćenje (čavli, spajalice itd.) koji su specificirani u tablici „Tehnički podaci“.
	Opruga klizača spremnika je preslaba ili neispravna.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
	Udarni žig je neispravan.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
Čavli se često zaglavljuju u kanalu za izbacivanje.	Korišteni elementi za pričvršćenje nisu dopušteni.	– Koristite samo originalan pribor. Smiju se upotrebljavati samo elementi za pričvršćenje (čavli, spajalice itd.) koji su specificirani u tablici „Tehnički podaci“.
		– Kontaktirajte ovlašteni Bosch servis.
	Čavli su stari, ljepilo između čavala više ne drži.	– Upotrebljavajte novi uložak s čavlima
Zabijeni čavli su savijeni.	Udarni žig je oštećen.	– Kontaktirajte ovlašteni Bosch servis. Tamo zamijenite sastavni dio.
	Pribijač za čavle se upotrebljava za nedopušteni materijal (npr. beton, kamen).	– Upotrebljavajte pribijač za čavle samo za dopušteni materijal. (vidi „Namjenska uporaba“, Stranica 9)

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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