



PRO

GTP18V-28

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GERMANY

www.bosch-pt.com

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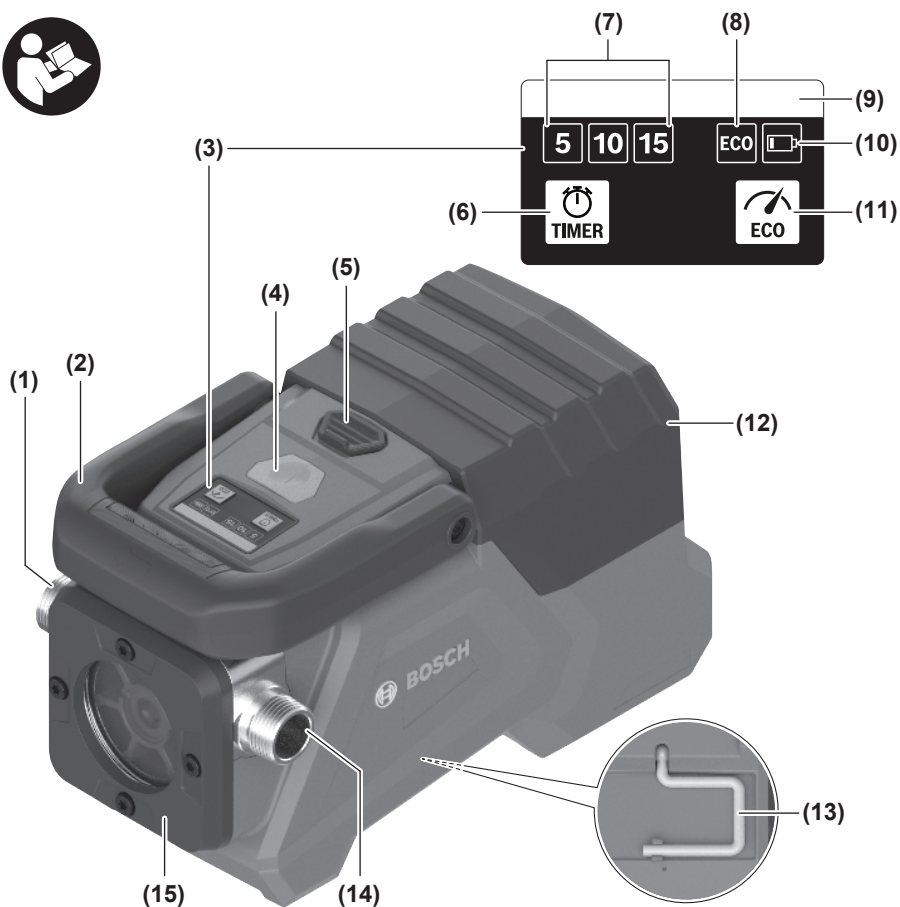
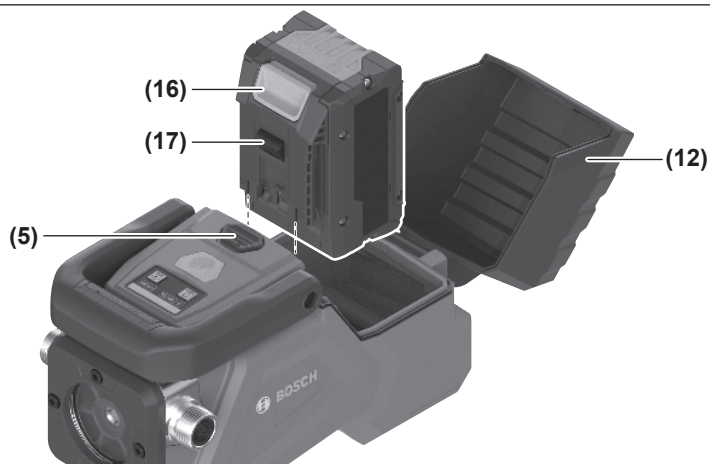


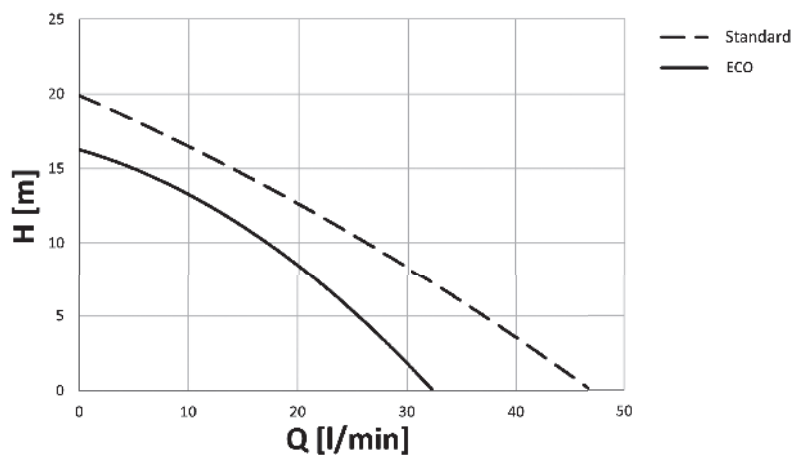
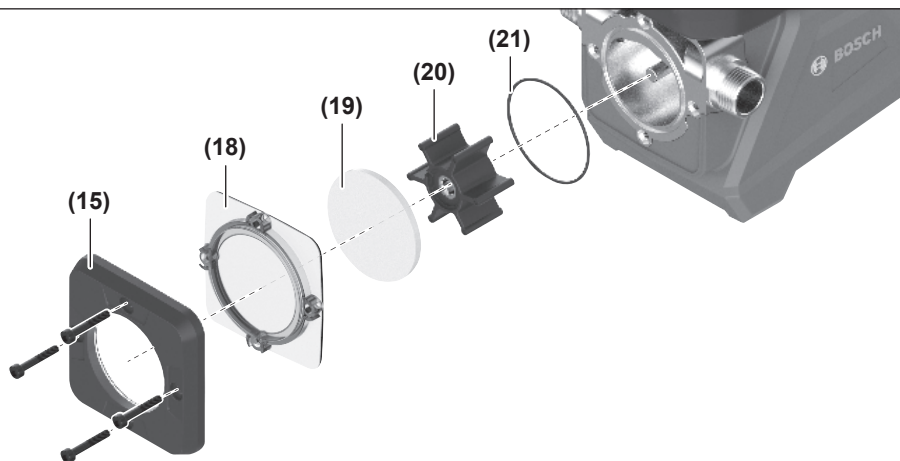
sr Originalno uputstvo za rad



Srpski Strana 5




A


B**C****D**

Srpski

Bezbednosne napomene



Pročitajte sva upozorenja i uputstva.

Propusti u poštovanju napomena za sigurnost i uputstava mogu da prouzrokuju električni udar, požar i/ili teške povrede.

Čuvajte sva upozorenja i uputstva za budućnost.

- ▶ **Nadzirite decu.** Tako ćete biti sigurni da se deca ne igraju sa pumpom.
- ▶ **Čišćenje i održavanje pumpe ili punjača ne smeju da vrše deca bez nadzora.**
- ▶ **Ovu pumpu mogu da koriste deca od 8 godina i osobe sa ograničenim fizičkim, senzornim ili mentalnim sposobnostima ili sa nedovoljnim iskustvom i znanjem, ukoliko ih nadzire lice koje je odgovorno za njihovu sigurnost ili ako ih ono uputi u siguran rad sa pumpom, i ako razumeju sa time povezane opasnosti.** U suprotnom postoji opasnost od pogrešnog rukovanja i povreda.
- ▶ **Ne dopustite da pumpu koriste osobe koje sa njom nisu upoznate ili koje nisu pročitale ova uputstva.**
- ▶ **Vodite računa o tome da je poklopac pregrade za bateriju zatvoren prilikom rada pumpe.** Vлага koja prodre može dovesti do kratkog spoja.
- ▶ **Ne koristite pumpu za pumpanje zapaljivih ili eksplozivnih tečnosti, kao što su benzin, ulje, alkohol, rastvarači.** Pumpu nemojte koristiti u prostorijama u kojima postoji opasnost od eksplozije. Tečnosti mogu da se zapale ili eksplodiraju.
- ▶ **Nemojte koristiti pumpu za pumpanje tečnosti za ljudsku ishranu, kao što je pijaća voda.** Maziva mogu da kontaminiraju tečnosti.
- ▶ **Nemojte pumpati tečnosti iz oblasti u kojima se nalaze ljudi.** Ako se u tim oblastima nalaze životinje ili strana tela, koristite filter. Na taj način ćete sprečiti povrede ljudi ili životinja.
- ▶ **Uklonite akumulator pre postavljanja ili servisiranja pumpe.** Time ćete sprečiti slučajno pokretanje pumpe.



Kućiste pumpe se može jako zagrejati prilikom pumpanja vrućih tečnosti ili zbog slučajnog rada na suvo. Možete se povrediti.



Pumpu koristite samo u zatvorenim prostorima i držite je dalje od vlage.

- ▶ **Nemojte menjati i otvarati akumulator.** Postoji opasnost od kratkog spoja.
- ▶ **Kod oštećenja i nestručne upotrebe akumulatora može doći do isparavanja. Akumulator može da izgori ili da eksplodira.** Uzmite svež vazduh i potražite lekara ako dođe do tegoba. Para može nadražiti disajne puteve.
- ▶ **Kod pogrešne primene ili oštećenja akumulatora može doći do curenja zapaljive tečnosti iz akumulatora.**

Izbegavajte kontakt sa njom. Kod slučajnog kontakta isperite vodom. Ako tečnost dospe u oči, dodatno potražite i lekarsku pomoć. Tečnost koja curi iz akumulatora može da izazove nadražaje kože ili opekotine.

- ▶ **Baterija može da se ošteti oštrim predmetima, kao npr. ekserima ili odvijačima zavrtnjeva ili usled dejstva neke spoljne sile.** Može da dođe do internog kratkog spoja i akumulatorska baterija može da izgori, dimi, eksplodira ili da se pregreje.
- ▶ **Držite nekorišćeni bateriju dalje od kancelarijskih spajalica, novčića, ključeva, eksera, zavrtnja ili drugih malih metalnih predmeta, koji mogu prouzrokovati premošćavanje kontakata.** Kratak spoj između kontakata baterije može imati za posledicu opekotine ili vatru.
- ▶ **Koristite akumulator samo sa proizvodima ovog proizvođača.** Samo tako se akumulator štiti od opasnog preopterećenja.
- ▶ **Puniti akumulator samo punjačima koje preporučuje proizvođač.** Ukoliko punjač koji je prikladan za jedan tip akumulatora, koristite sa akumulatorima drugog tipa, postoji opasnost od požara.



Zaštitite akumatore od izvora toplote, npr. od trajnog sunčevog zračenja, vatre, prljavštine, vode i vlage. Postoji opasnost od eksplozije i kratkog

spoja.

Opis proizvoda i primene

Molimo pogledajte slike na prednjem delu uputstva za upotrebu.

Namenska upotreba

Pumpa je predviđena isključivo za pumpanje čiste vode. Suši se samostalnim usisavanjem.

Pumpa nije predviđena za pumpanje tečnosti sa abrazivnim, korozivnim ili nagrizajućim elementima, ili slane vode, luga ili otpadne vode. Ne sme da se koristi za namirnice ili u vodama sa vodenim živim bićima.

Prikazane komponente

Numeracija prikazanih komponenti se odnosi na prikaz pumpe na grafičkoj stranici.

- (1) Odvod vode (strana pritiska)
- (2) Ručka za nošenje
- (3) Korisnički interfejs
- (4) Taster za uključivanje/isključivanje
- (5) Taster za deblokadu poklopca pregrade za akumulator
- (6) Taster za tajmer (korisnički interfejs)
- (7) Prikaz tajmera (korisnički interfejs)
- (8) Prikaz Eco režima (korisnički interfejs)

- (9) Statusna traka (korisnički interfejs)
- (10) Prikaz za slab akumulator (korisnički interfejs)
- (11) Taster za Eco režim (korisnički interfejs)
- (12) Poklopac pregrade za akumulator
- (13) Kuka za vešanje
- (14) Dovod vode (strana usisavanja)
- (15) Poklopac za kućište pumpe
- (16) Taster za otključavanje akumulatora^{a)}
- (17) Akumulator^{a)}
- (18) Međupoklopac
- (19) Staklo za kontrolu
- (20) Impeler
- (21) Zaptivni prsten na kućištu pumpe

a) Ovaj pribor ne spada u standardni obim isporuke.

Tehnički podaci

Prenosive pumpe		GTP18V-28
Broj artikla		3 601 JR6 0..
Nominalni napon	V=	18
Kapacitet pumpanja ^{A)}		
- Standardni režim	l/h	2800
- Eco režim	l/h	1800
Visina pumpanja (standardni režim)	m	20
Visina usisavanja (standardni režim)	m	5
Maks. temperatura vode	°C	60
Navojni priključak za crevo	"	G 3/4
Težina ^{B)}	kg	2,2
Vrsta zaštite ^{C)}		IP54
Preporučena temperatura okruženja prilikom punjenja	°C	0 ... +35
Dozvoljena temperatura okruženja u radu i prilikom skladištenja	°C	0 ... +50
Kompatibilni akumulatori		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Preporučeni punjači		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...

Prenosive pumpe		GTP18V-28
		GAX 18... EXAL18...

- A) mereno na 20–25 °C
- B) Bez akumulatora (Težinu akumulatora možete pogledati na www.bosch-professional.com)
- C) sa zatvorenim poklopcem pregrade za akumulator (12) i dizajnom sa korisničkim interfejsom (3) nagore (kao što je prikazano na slici B)
- Vrednosti mogu da se razlikuju u zavisnosti od proizvoda i zavise od uslova upotrebe i uslova iz okoline. Dodatne informacije možete pogledati na adresi www.bosch-professional.com/wac.

Informacije o buci

Vrednosti emisije buke utvrđene u skladu sa **EN ISO 20361**. Nivo buke električnog alata klasifikovan pod A iznosi tipično: nivo zvučnog pritiska **73 dB(A)** (nesigurnost K = **3 dB**); nivo zvučne snage **82 dB(A)** (nesigurnost K = **5,6 dB**).

Nosite zaštitu za sluh!

Nivo emisije buke naveden u ovim uputstvima je izmeren prema standardizovanom mernom postupku i može se koristiti za poređenje električnih alata jedan sa drugim. Pogodna je i za privremenu procenu emisije buke. Navedena vrednost emisije buke odgovara osnovnoj upotrebi električnog alata. Ako se električni alat upotrebljava za druge namene, sa drugim upotrebljenim alatima ili ako se nedovoljno održava, može doći do odstupanja vrednosti emisije buke. Ovo može u značajnoj meri povećati emisiju buke tokom celokupnog perioda korišćenja. Za tačnu procenu emisije buke trebalo bi uzeti u obzir i vreme u kojem je uređaj isključen ili u situaciji da radi, ali nije stvarno u upotrebi. Ovo može značajno redukovati emisiju buke tokom celokupnog perioda korišćenja.

Akumulator

Bosch prodaje akumulatorske pumpe i bez akumulatora. Na pakovanju možete pogledati da li se u obimu isporuke vaše pumpe nalazi i akumulator.

Punjenje akumulatora

- **Koristite samo punjače koji su navedeni u tehničkim podacima.** Samo ovi punjači su usklađeni sa litijum-jonskim akumulatorom koji koristi vaša pumpa.
- Napomena:** Litijum-jonski akumulatori se zbog međunarodnih transportnih propisa isporučuju delimično napunjeni. Da biste osigurali punu snagu akumulatora, pre prve upotrebe ga potpuno napunite.

Ubacivanje i vađenje akumulatora (videti sliku A)

Gurnite taster za deblokadu (5) suprotno od pregrade akumulatora i otvorite poklopac pregrade za akumulator (12).

Ubacite napunjeni akumulator u prihvatač akumulatora tako da nalegne na mesto.

Za vađenje akumulatora pritisnite taster za deblokadu akumulatora i izvucite akumulator. **Ne koristite pritom silu.** Zatvorite poklopac pregrade za akumulator (12), tako da čujno ulegne.

► **Vodite računa da poklopac pregrade za akumulator bude potpuno zatvoren i da je zaptivka poklopcu pregrade za akumulator u ispravnom stanju.** Ukoliko dođe do prodora vode, akumulator i pumpa bi mogli da se oštete.

Prikaz statusa napunjenosti akumulatora

Ako je stavljen akumulator, stanje punjenja akumulatora možete da vidite na korisničkom interfejsu (3) (videti „Prikazi stanja“, Strana 8), a kod izvađenog akumulatora na samom akumulatoru.

Prikaz statusa napunjenosti na akumulatoru

Ako se akumulator izvadi iz pumpe, stanje napunjenosti može da se prikaže zelenim LED lampicama u okviru prikaza statusa napunjenosti na akumulatoru.

Pritisnite taster za prikaz statusa napunjenosti  ili , da biste prikazali status napunjenosti.

Ukoliko nakon pritiskanja tastera za prikaz statusa napunjenosti ne svetli nijedan LED indikator, znači da je akumulator neispravan i da mora biti zamenjen.

Napomena: Nema svaki tip akumulatora na raspolaganju prikaz statusa napunjenosti.

Tip akumulatora GBA 18V... | GBA18V...



LED	Kapacitet
Trajno svetlo 3 × zeleno	60–100%
Trajno svetlo 2 × zeleno	30–60%
Trajno svetlo 1 × zeleno	5–30%
Trepćuće svetlo 1 × zeleno	0–5%

Tip akumulatora ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Kapacitet
Trajno svetlo 5 × zeleno	80–100%
Trajno svetlo 4 × zeleno	60–80%
Trajno svetlo 3 × zeleno	40–60%
Trajno svetlo 2 × zeleno	20–40%
Trajno svetlo 1 × zeleno	5–20%
Trepćuće svetlo 1 × zeleno	0–5%

Prepoznavanje rizika od kvara akumulatora

EXPERT18V... | EXBA18V...

LED lampice prikaza statusa napunjenosti akumulatora pored nivoa napunjenosti akumulatora mogu da prikazuju i rizik oa kvara akumulatora.

Da biste aktivirali ovu funkciju, držite taster za prikaz statusa napunjenosti  3 sekunde. Svetlosni niz prikaza statusa napunjenosti akumulatora pokazuje analizu akumulatora. Rezultat se prikazuje na prikazu statusa napunjenosti akumulatora.

 **1 LED lampica:** Akumulator ima veliki rizik od kvara. Snaga i vreme rada mogu već da budu umanjani. Preporučujemo zamenu akumulatora.

 **5 LED lampica:** Akumulator je u dobrom stanju sa malim rizikom od kvara.

Vodite računa: Procena rizika od kvara akumulatora funkcioniše u dve faze i pruža jednostavnu ocenu stanja. Ocenjuje se da je akumulator u dobrom stanju ili da ima povećan rizik od kvara. Stanje baterije se ne prikazuje u procentima.

Uputstva za optimalno ophodjenje sa akumulatorom

Zaštite akumulator od vlade i vode.

Lagerujte akumulator samo u području temperature od –20 °C do 50 °C. Ne ostavljajte akumulator leti npr. u autu.

Čistite povremeno proreze za ventilaciju akumulatora sa mekom, čistom i suvom četkom.

Bitno skraćeno vreme rada posle punjenja pokazuje da je akumulator istrošen i da se mora zameniti.

Obratite pažnju na uputstva za uklanjanje otpada.

Montaža

► **Izvadite akumulator pre nego što započnete održavanje ili čišćenje pumpe, izvršite podešavanje alata, zamenite delove pribora ili spakujete pumpu.**

Ova mera opreza sprečava nenamerno pokretanje pumpe.

Priključivanje creva

Napomena: Smer protoka vode kroz kućište pumpe se može prepoznati po strelici na kućištu i na ručki za nošenje (2).

Za pumpu su potrebna dva standardna creva sa navojnom navrtkom G 3/4" i minimalnim prečnikom od 19 mm.

Za stranu usisavanja (priključak creva na dovodu (14)) je potrebno ojačano crevo, da bi pumpa mogla da radi pravilno. Za optimalnu snagu pumpe je potrebno da to crevo bude što kraće.

Napomena: Između priključka creva na pumpi i crevu uvek stavite pljosnatu zaptivku. Navoj na pumpi nema sopstveno zaptivanje, bez pljosnate zaptivke voda može da izlazi pod visokim pritiskom.

Koristite isključivo zaptivke odgovarajućeg prečnika, da biste sprečili smanjenje količine pumpanja.

Zavrните ručno po jedno crevo na priključku creva na dovodu **(14)** i priključku creva na odvodu **(1)**.

Ako se crevo otežano zavrće, proverite da li crevo ima odgovarajući priključni navoj i da li crevo zavrćete u ravnom položaju. Neodgovarajuća creva i zavrtnanje u iskošenom položaju mogu da oštete navoj na pumpi.

Da bi pumpa mogla da radi punom snagom pumpanja, prečnik creva ne sme da bude manji. Zbog toga nemojte koristiti tanja creva i brze spojnice. Vodite računa da creva nisu presavijena ili stisnuta.

Rad

- ▶ **Uverite se da pumpa nije izložena mrazu.**
- ▶ **Ne dozvolite da pumpa radi na suvo.** Pumpa bi mogla da se ošteti.

Puštanje u rad

Postavljanje/kačenje pumpe (videti slike B–C)

Kod postavljanja sa korisničkim interfejsom **(3)** nagore (kao što je prikazano na slici **B**) pumpa je zaštićena od prskanja vode sa svih strana (IP54).

Po potrebi, pumpu možete da zakačite pomoću kuke **(13)**, međutim ta zaštita tada nije osigurana.

Pozicionirajte pumpu po mogućstvu tako da razlika u visini između pumpe, pozicije crpljenja vode i najviše tačke odvodnog creva bude što manja. Što je razlika u visini H veća, to je manja moguća količina protoka Q (videti karakteristike na slici **C**).

Prikazi stanja

Statusna traka (9)	Prikaz za slab akumulator (10)	Značenje
Zelena	–	Pumpa je uključena, kapacitet akumulatora > 20%
Narandžasta	Narandžasta	Slab akumulator (kapacitet 1–20%)
Narandžasta	–	Akumulator ili pumpa se previše zagrevaju
Crvena	Crvena	Akumulator je prazan (kapacitet 0–1%), pumpa će se uskoro isključiti
Crvena	–	Akumulator ili pumpa su pregrevani; impeler blokiran; motor ili akumulator u kvaru

Automatsko isključivanje (tajmer)

Pomoću funkcije tajmera pumpa može automatski da se uključi.

Pritisnite taster za tajmer **(6)**, sve dok na prikazu tajmera **(7)** ne zasvetli željeno preostalo vreme rada (u minutima). Kada se postupak pumpanja pokrene, prikaz tajmera **(7)** treperi i prikazuje preostalo vreme rada.

Uključivanje/isključivanje

Uverite se da je otvor usisnog creva u vodi slobodan: ako se crevo usisa za dno ili ivicu posude za vodu, dovod vode se blokira.

Pritisnite taster za uključivanje/isključivanje **(4)**, da biste **uključili** pumpu i pokrenuli postupak pumpanja.

Pritisnite ponovo taster za uključivanje/isključivanje **(4)**, da biste završili postupak pumpanja i **isključili** pumpu.

Napomena: Nakon pumpanja vruće vode, sačekajte najmanje 10 min da se pumpa ohladi, pre nego što ponovo uključite pumpu.

Korisnički interfejs

Korisnički interfejs **(3)** služi:

- za prikaz statusa pumpe
- za upravljanje funkcijom tajmera
- za uključivanje/isključivanje Eco režima

Kada je pumpa isključena, korisnički interfejs **(3)** možete da aktivirate pritiskom tastera za tajmer **(6)** ili tastera za Eco režim **(11)**. To ne pokreće postupak pumpanja. Sada možete da promenite podešavanja na korisničkom interfejsu.

30 s nakon poslednjeg pritiska tastera odn. nakon isključivanja pumpe, korisnički interfejs **(3)** se isključuje, a podešavanja (npr. Eco režim) se čuvaju.

5 min nakon poslednjeg pritiska tastera odn. nakon isključivanja pumpe sačuvana podešavanja se brišu. Kada izvadite akumulator, sva podešavanja se odmah brišu.

Za ranije prekidanje funkcije tajmera pritisnite taster za tajmer **(6)**, sve dok na prikazu tajmera **(7)** više ne svetli nijedno polje.

Eco režim

Snagu i količinu pumpanja pumpe možete da smanjite i tako produžite vreme rada akumulatora. Za to pritisnite taster za Eco režim **(11)**, tako da zasvetli prikaz Eco režima **(8)**.

Da biste okončali Eco režim, ponovo pritisnite taster za Eco režim **(11)**, tako da se prikaz Eco režima **(8)** ugasi.

Uklanjanje smetnje

Uzrok	Otklanjanje
Pumpa ne može da se uključi ili se automatski isključuje (statusna traka crvena).	

Uzrok	Otklanjanje
Akumulator je prazan ili oštećen.	Napunite odnosno zamenite akumulator.
Pumpa ili akumulator su pregrevani.	Sačekajte da se pumpa i akumulator ohlade, pre nego što ponovo uključite pumpu. Proverite da li je pumpa preopterećena: Crevo za odvod (1) mora da bude protočno, visina usisavanja i pumpanja ne sme da bude prevelika.
Impeler je blokiran.	Ako je potrebno, očistite impeler (20) i kućište pumpe. Zamenite oštećeni impeler.
Motor je neispravan.	Proverite pumpu kod Bosch korisničkog servisa.
Transportuje se premalo vode.	
Neko crevo je zapušeno ili oštećeno.	Proverite da su oba creva neoštećena i da je protok slobodan. Uklonite zapušena ili zamenite oštećena creva.
Visina usisavanja ili visina pumpanja je prevelika.	Postavite pumpu tako da razlika u visini između pumpe, pozicije crpljenja vode i najviše tačke odvodnog creva bude što manja.
Crevo nije adekvatno (npr. prečnik je premali, materijal creva previše nestabilan).	Koristite stabilno crevo prečnika od najmanje 19 mm.
Priključak creva nije zaptiven.	Koristite samo creva sa navojem G 3/4". Uverite se da je pljosnata zaptivka između creva i priključka creva na pumpi ispravna i adekvatna i da se creva pravilno zavrnutu.
Impeler je istrošen.	Zamenite impeler (20) i zaptivni prsten (21) .
Poklopac kućišta pumpe nije zaptiven.	Uverite se da je zaptivni prsten (21) tu i da je neoštećen i pravilno montiran. Pritegnite 4 zavrtnja poklopca (15) rukom.

Održavanje i servis

Održavanje i čišćenje

- ▶ **Izvadite akumulator pre nego što započnete održavanje ili čišćenje pumpe, izvršite podešavanje alata, zamenite delove pribora ili spakujete pumpu.** Ova mera opreza sprečava nenamerno pokretanje pumpe.
- ▶ **Održavajte čistoću pumpe kako bi radila dobro i sigurno.**

Zamena impelera (videti sliku D)

pre početka rada proverite impeler **(20)** kroz staklo za kontrolu **(15)** na kućištu pumpe. Ako primetite pukotine ili istopljene površine na impeleru, impeler je istrošen i mora da se zameni:

- Odvrtite 4 zavrtnja na poklopcu **(15)** kućišta pumpe pomoću Torx odvrtiča veličine T20.
- Skinite poklopac **(15)**, međupoklopac **(18)** i staklo za kontrolu **(19)**.
- Izvadite impeler **(20)** i zaptivni prsten **(21)**.
- Ako je potrebno, očistite kućište pumpe.
- Stavite novi impeler **(20)** i novi zaptivni prsten **(21)**. Koristite isključivo delove koje je **Bosch** predvideo za ovu pumpu.
- Obratite posebnu pažnju na pravilan položaj zaptivnog prstena **(21)** u žlebu zaptivke.
- Stavite staklo za kontrolu **(19)**, međustaklo **(18)** i poklopac **(15)** na kućište pumpe.

- Pričvrstite ponovo poklopac **(15)** sa 4 zavrtnja. Pritegnite zavrtnje rukom.

Čuvanje pumpe

Pre dužeg skladištenja pumpe, savetujemo da očistite impeler kao i kućište pumpe.

Za montažu i demontažu impelera postupite kao što je opisano za zamenu impelera.

Servis i saveti za upotrebu

Srpski

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Molimo da kod svih pitanja i naručivanja rezervnih delova neizostavno navedete broj artikla sa 10 brojanih mesta prema tipskoj pločici proizvoda.

Uklanjanje đubreta

Pumpe, akumulator, pribor i ambalažu treba predati na reciklažu koja je u skladu sa zaštitom životne sredine.



Pumpe i akumulator/baterije nemojte da bacate u kućno smeće!

Samo za EU-zemlje:

Električni i elektronski uređaji ili istrošeni akumulatori i baterije koji više ne mogu da se koriste moraju da se skupljaju zasebno i odlože u otpad u skladu sa ekološkim propisima. Koristite naznačene sisteme za sakupljanje. Zbog mogućih opasnih materija koji se nalaze u uređaju,

nepravilno odlaganje u otpad može da bude opasno za okolinu i zdravlje.

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1.5 – NanoPb 0.3.9.9 – Zlib

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