



Professional HEAVY DUTY

GNH 18V-35

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

1 609 92A B4K (2026.06) TAG / 27



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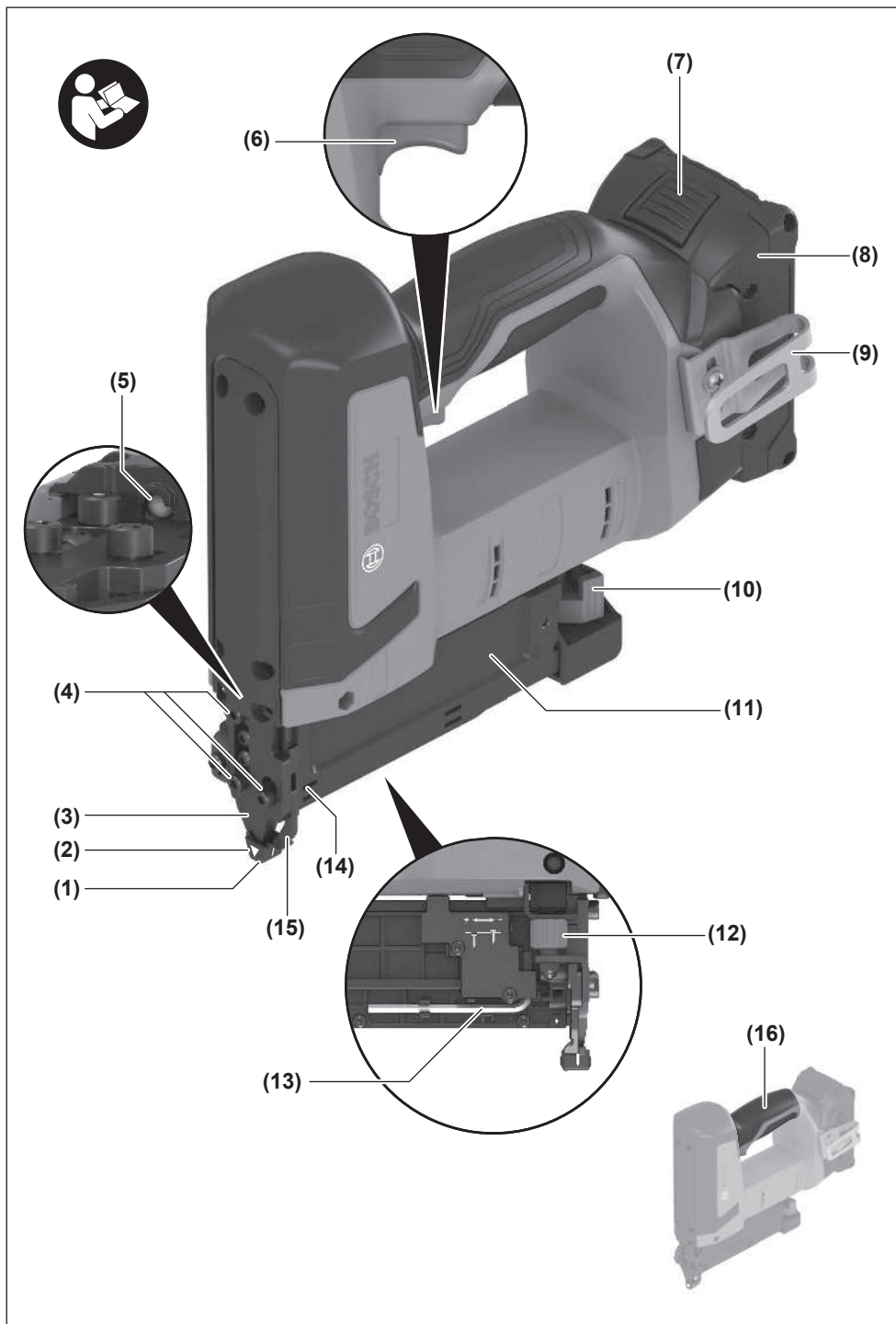


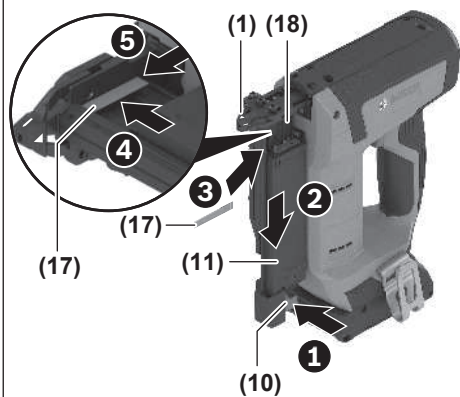
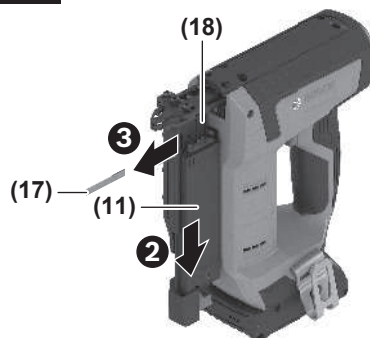
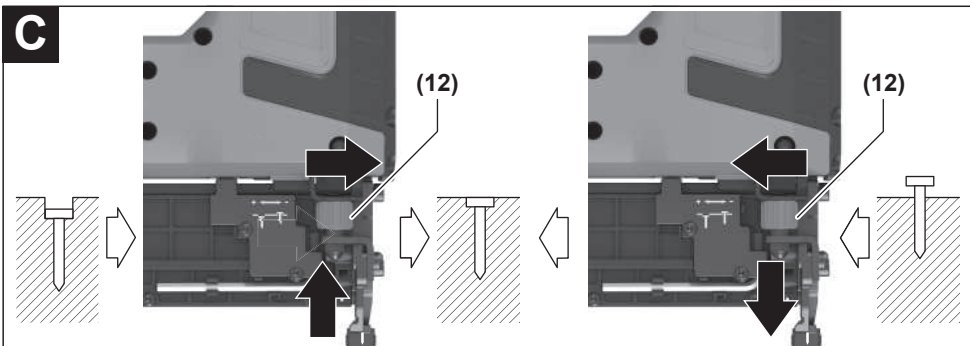
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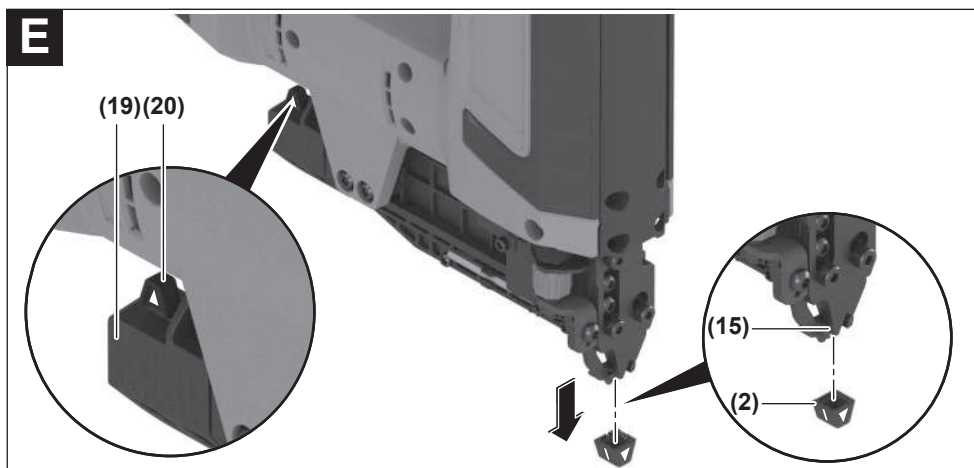
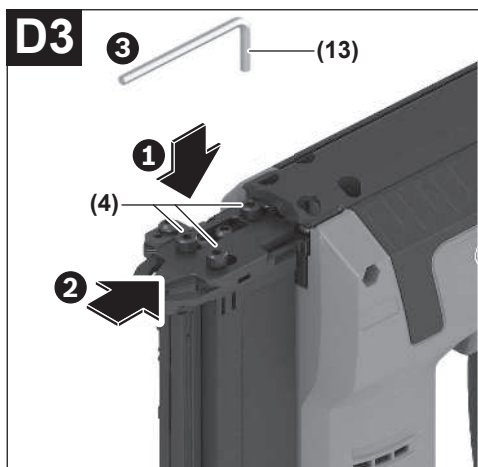
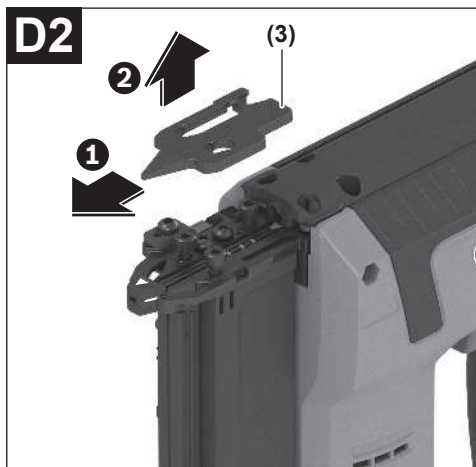
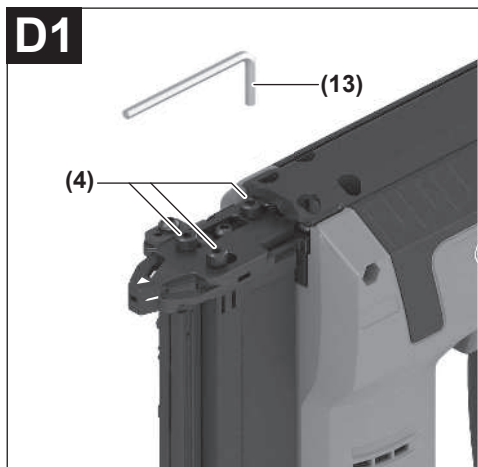


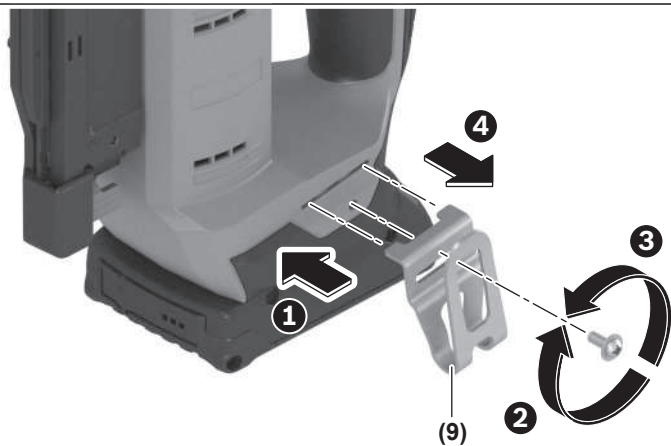
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A1**A2****B1****B2****C**



F

Svensk

Säkerhetsanvisningar

Allmänna säkerhetsanvisningar för elverktyg

VARNING

Läs alla säkerhetsvarningar, instruktioner och specifikationer

som tillhandahålls med detta elverktyg. Fel som uppstår till följd av att instruktionerna nedan inte följts kan orsaka elstöt, brand och/eller allvarliga personskador.

Förvara alla varningar och anvisningar för framtida bruk.

Begreppet Elverktyg hänför sig till nätdrivna elverktyg (med nätsladd) och till batteridrivna elverktyg (sladdlösa).

Arbetsplats säkerhet

- ▶ **Håll ditt arbetsområde rent och väl upplyst.** Ostädade och mörka areor ökar olycksrisken.
- ▶ **Använd inte elverktyget i explosionsfarliga omgivningar när det t.ex. finns brännbara vätskor, gaser eller damm.** Elverktygen alstrar gnistor som kan antända dammet eller gaserna.
- ▶ **Håll under arbetet med elverktyget barn och obehöriga personer på betryggande avstånd.** Om du störs av obehöriga personer kan du förlora kontrollen över elverktyget.

Elektrisk säkerhet

- ▶ **Skydda elverktyg mot regn och väta.** Tränger vatten in i ett elverktyg ökar risken för elstöt.

Personsäkerhet

- ▶ **Var uppmärksam, kontrollera vad du gör och använd elverktyget med förnuft.** Använd inte ett elverktyg när du är trött eller om du är påverkad av droger, alkohol eller mediciner. Under användning av elverktyg kan även en kort ouppmärksamhet leda till allvarliga kroppsskador.
- ▶ **Använd personlig skyddsutrustning.** Använd alltid skyddsglasögon. Användning av personlig skyddsutrustning, som t. ex. dammfiltermask, halkfria säkerhetsskor, skyddshjälm och hörselskydd, som är anpassade för användningsområdet, reducerar risken för kroppsskada.
- ▶ **Undvik oavsiktlig igångsättning.** Kontrollera att elverktyget är fränkopplat innan du ansluter stickproppen till vägguttaget och/eller ansluter/tar bort batteriet, tar upp eller bär elverktyget. Om du bär elverktyget med fingret på strömställaren eller ansluter påkopplat elverktyg till nätströmmen kan olycka uppstå.
- ▶ **Ta bort alla inställningsverktyg och skruvnycklar innan du startar elverktyget.** Ett verktyg eller en nyckel i en roterande komponent kan medföra kroppsskada.
- ▶ **Undvik onormala kroppsställningar.** Se till att du alltid står stadigt och håller balansen. I detta fall kan du lättare kontrollera elverktyget i oväntade situationer.

- ▶ **Bär lämpliga arbetskläder.** Bär inte löst hängande kläder eller smycken. Håll håret och kläderna borta från rörliga delar. Löst hängande kläder, långt hår och smycken kan dras in av roterande delar.
- ▶ **När elverktyg används med dammsugnings- och uppsamlingsutrustning, se till att dessa är rätt monterade och används på korrekt sätt.** Användning av dammsugning minskar de risker damm orsakar.
- ▶ **Låt inte vanan att ofta använda verktygen göra att du blir slarvig och ignorerar verktygets säkerhetsprinciper.** En vårdslös åtgärd kan leda till allvarlig personskada inom bråkdelen av en sekund.

Korrekt användning och hantering av elverktyg

- ▶ **Överbelasta inte elverktyget.** Använd rätt elverktyg för det jobb du tänker göra. Med ett lämpligt elverktyg kan du arbeta bättre och säkrare inom angivet effektområde.
- ▶ **Ett elverktyg med defekt strömställare får inte längre användas.** Ett elverktyg som inte kan kopplas in eller ur är farligt och måste repareras.
- ▶ **Dra stickproppen ur vägguttaget och/eller ta bort batteriet, om det kan tas ut ur elverktyget, innan inställningar utförs, tillbehörsdelar byts ut eller elverktyget lagras.** Denna skyddsåtgärd förhindrar oavsiktlig inkoppling av elverktyget.
- ▶ **Förvara elverktygen oåtkomliga för barn.** Låt elverktyget inte användas av personer som inte är förtrogna med dess användning eller inte läst denna anvisning. Elverktygen är farliga om de används av oerfarna personer.
- ▶ **Underhåll elverktyg och tillbehör omsorgsfullt.** Kontrollera att rörliga komponenter fungerar felfritt och inte kärvar, att komponenter inte brustit eller skadats och kontrollera orsaker som kan leda till att elverktygets funktioner påverkas menligt. Låt skadade delar repareras innan elverktyget tas i bruk. Många olyckor orsakas av dåligt skötta elverktyg.
- ▶ **Håll skärverktygen skarpa och rena.** Omsorgsfullt skötta skärverktyg med skarpa eggar kommer inte så lätt i kläm och går lättare att styra.
- ▶ **Använd elverktyget, tillbehör, insatsverktyg osv. enligt dessa anvisningar.** Ta hänsyn till arbetsvillkoren och arbetsmomenten. Om elverktyget används på ett sätt som det inte är avsett för kan farliga situationer uppstå.
- ▶ **Håll handtag och greppytor torra, rena och fria från olja och fett.** Hala handtag och greppytor ger ingen säker hantering och kontroll över verktyget i oväntade situationer.

Omsorgsfull hantering och användning av sladdlösa elverktyg

- ▶ **Ladda batterierna endast i de laddare som tillverkaren rekommenderat.** Om en laddare som är avsedd för en viss typ av batterier används för andra batterityper finns risk för brand.

- ▶ **Använd endast batterier som är avsedda för aktuellt elverktyg.** Används andra batterier finns risk för kroppsskada och brand.
- ▶ **Håll gem, mynt, nycklar, spikar, skruvar och andra små metallföremål på avstånd från reservbatterier för att undvika en bygling av kontaktarna.** En kortslutning av batteriets kontakter kan leda till brännskador eller brand.
- ▶ **Om batteriet används på fel sätt finns risk för att vätska rinner ur batteriet. Undvik kontakt med vätskan. Vid oavsiktlig kontakt spola med vatten. Om vätska kommer i kontakt med ögonen uppsök dessutom läkare.** Batteriavtskan kan medföra hudirritation och brännskada.
- ▶ **Använd inte batteriet eller verktyg som är skadade eller modifierade.** Skadade eller modifierade batterier kan bete sig oväntat vilket leder till brand, explosion eller risk för personsador.
- ▶ **Exponera inte ett batteri eller verktyg för brand eller för hög temperatur.** Exponering för brand eller temperaturer över 130 °C kan leda till explosion.
- ▶ **Följ alla laddningsinstruktioner och ladda inte batteriet eller verktyget utanför det temperaturomfång som specificeras i instruktionerna.** En olämplig laddning eller en laddning vid en temperatur som ligger utanför det specificerade området kan skada batteriet och öka brandrisken.

Service

- ▶ **Låt endast kvalificerad fackpersonal reparera elverktyget och endast med originalreservdelar.** Detta garanterar att elverktygets säkerhet upprätthålls.
- ▶ **Utför aldrig service på skadade batterier.** Service på batterier får endast utföras av tillverkaren eller auktoriserade tjänsteleverantörer.

Spikpistol säkerhetsvarningar

- ▶ **Utgå alltid ifrån att spikpistolen innehåller spik.** En vårdslös hantering av spikpistolen kan leda till att det oavsiktligt avlossas spik och att det uppstår personsador.
- ▶ **Koppla bort verktyget från kraftkällan när du sätter i och tar ur spik, gör justeringar eller byter tillbehör.** Verktyget kan aktiveras av misstag om det är anslutet till kraftkällan, vilket kan leda till personsador.
- ▶ **Var försiktig när du hanterar spik, speciellt när du sätter i och tar ur dem.** Spikarna har vassa spetsar som kan leda till personsador.
- ▶ **Rikta inte spikpistolen mot dig själv eller någon annan i närheten.** Oavsiktlig avlossning utlöser en spik, vilket kan leda till personsador.
- ▶ **Håll fingrarna borta från avtryckaren när spikpistolen inte används och när du flyttar från en arbetsposition till en annan.** Oavsiktlig avlossning utlöser en spik, vilket kan leda till personsador.
- ▶ **Håll spikpistolen i de isolerade gripytorna när du utför ett arbete där skärtilbehören kan komma i kontakt**

med dolda kablar. Vid kontakt med en strömförande ledning kan oskyddade metalldelar på spikpistolen som är strömförande ge operatören en elektrisk stöt.

- ▶ **Håll spikpistolen med ett stadigt grepp under användning.** Okontrollerad rekyl av spikpistolen kan leda till oavsiktlig aktivering, vilket kan leda till personsador.
- ▶ **Håll alla kroppsdelar, som händer och ben etcetera, borta från spikpistolens avfyrningsriktning.** Spiken kan penetrera arbetsstycket såväl som föremål bakom det, vilket kan leda till personsador.
- ▶ **När spikpistolen används, håll alla kroppsdelar, som händer och ben etcetera, borta från området där spikarna slås in i arbetsstycket.** Spiken kan böjas och lämna arbetsstycket, vilket kan leda till personsador.
- ▶ **Aktivera inte spikpistolen såvida det inte är placerat fast mot arbetsstycket.** Om spikpistolen inte är i kontakt med arbetsstycket kan spiken vika av bort från arbetsstycket, vilket kan leda till personsador.
- ▶ **Använd inte denna spikpistol för att fästa elkablar.** Den är inte konstruerad för installation av elkablar och kan skada isoleringen hos elkablar och därmed försäkra elektriska stötar och bränder.
- ▶ **Koppla bort spikpistolen från kraftkällan om spiken fastnar i verktyget.** När du tar bort en spik som fastnat kan spikpistolen aktiveras av misstag om den är ansluten till kraftkällan, vilket kan leda till personsador.
- ▶ **Var försiktig vid borttagningen av en spik som fastnat.** Mekanismen kan vara under kompression och spiken kan avfyras kraftfullt, vilket kan leda till personsador.
- ▶ **Använd lämpliga detektorer för att lokalisera dolda försörjningsledningar eller konsultera det lokala eldistributionsbolaget.** Kontakt med elledningar kan orsaka brand och elstöt. En skadad gasledning kan leda till explosion. Borring i vattenledning kan försäkra saksador.
- ▶ **Vid skador och felaktig användning av batteriet kan ångor träda ut. Batteriet kan börja brinna eller explodera.** Tillförlämplig friskluft och kontakta läkare vid besvär. Ångorna kan leda till irritation i andningsvägarna.
- ▶ **Batteriet får inte öppnas eller ändras.** Detta kan leda till kortslutning.
- ▶ **Batteriet kan skadas av vassa föremål som t.ex. spikar eller skruvmejslar eller på grund av yttre påverkan.** En intern kortslutning kan uppstå och rök, explosion eller överhettning kan förekomma hos batteriet.
- ▶ **Använd endast batteriet i produkter från tillverkaren.** Detta skyddar batteriet mot farlig överbelastning.



Skydda batteriet mot hög värme som t. ex. längre solbestrålning, eld, smuts, vatten och fukt.
Explosions- och kortslutningsrisk.

Symboler och deras betydelse

Beakta symbolerna nedan som kan vara viktiga för elverktygets användning. Lägg på minne symbolerna och deras betydelse. Korrekt tolkning av symbolerna hjälper till att bättre och säkrare använda elverktyget.

Symboler och deras betydelse



Bär hörselskydd. Risk finns för att buller leder till hörselskada.



Bär skyddsglasögon.

Produkt- och prestandabeskrivning



Läs igenom alla säkerhetsanvisningar och instruktioner. Fel som uppstår till följd av att säkerhetsinstruktionerna och anvisningarna inte följts kan orsaka elstöt, brand och/eller allvarliga personskador.

Beakta bilden i den främre delen av bruksanvisningen.

Ändamålsenlig användning

Elverktyget är avsett för indrivning av spikar i trä. Endast spikar, klamrar osv som är specificerade i tabellen "Teknisk information" får användas.

Observera: elverktyget är inte avsett för indrivning av spikar i metall eller betong.

Komponenter på bilden

Numreringen av de avbildade komponenterna refererar till framställningen av elverktyget på grafiksidan.

- (1) Mynning
- (2) Materialskydd 1
- (3) Kåpa för kanalen
- (4) Skruvar för att öppna/stänga kanalen
- (5) Arbetsljus
- (6) Avtryckare
- (7) Batteri-upplåsningsknapp
- (8) Batteri
- (9) Bälteskrok
- (10) Brytare för att öppna magasinet
- (11) Magasinförskjutare
- (12) Reglage för djupanslag
- (13) Insexnyckel
- (14) Siktöfster för påfyllningsindikering
- (15) Utlösarsäkring
- (16) Handtag (isolerad greppyta)
- (17) Spikremsa^{a)}
- (18) Magasin
- (19) Förvaringsfack för materialskydd

(20) Materialskydd 2

a) Dessa tillbehör ingår inte i standard leveransen.

Tekniska data

Sladdlös spikpistol		GNH 18V-35
Artikelnummer		3 601 D82 7..
Märkspänning	V=	18
Utlösarsystem		
– Enskild utlösare med utlösarsäkring		●
Indrivningsmaterial		
– Typ		Spik PRO PN23 G
– Längd	mm	15 19 25 30 35
– Diameter	mm	0,6
	ga	23
– Vinkel		0°
Max. magasinkapacitet		110
Mått (utan batteri)		
– Höjd	mm	214
– Bredd	mm	81
– Längd med materialskydd	mm	232
Vikt ^{A)}	kg	1,7
Rekommenderad omgivningstemperatur vid laddning	°C	0 ... +35
Tillåten omgivningstemperatur vid drift ^{B)} och vid förvaring	°C	-20 ... +50
Kompatibla batterier		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Rekommenderade batterier		GBA 18V... ≥ 2,0 Ah
Rekommenderade laddare		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Utan batteri (du hittar batteriets vikt under www.bosch-professional.com)

B) begränsad effekt vid temperaturer < 0 °C

Värdena kan variera beroende på produkt och är beroende av användnings- och omgivningsvillkor. Mer information finns på www.bosch-professional.com/wac.

Buller-/vibrationsdata

Bullernivåvärde beräknat enligt **EN IEC 62841-2-16**.

Den A-klassade bullernivån hos elverktyg ligger typiskt på: bullertrycknivå **88 dB(A)**; bullernivå **97 dB(A)**.

Osäkerhet $K = 3 \text{ dB}$.

Använd hörselskydd!

Vibrationsvärde a_h (kontinuerliga vibrationer), p_f (upprepade chockvibrationer) och osäkerhet K beräknad enligt **EN IEC 62841-2-16**:

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

Den vibrationsnivå och det bullervärde som anges i dessa anvisningar har uppmätts enligt en mätmetod som normerats och kan användas för att jämföra elverktyg med varandra. Mätmetoden är även lämplig för preliminär bedömning av vibrations- och bullernivån.

Den angivna vibrations- och bullernivån representerar den huvudsakliga användningen av elverktyget. Om däremot elverktyget används för andra ändamål, med andra insatsverktyg eller inte underhållits ordentligt kan vibrations- och bullernivån avvika. Då kan vibrations- och bullernivån under arbetsperioden öka betydligt under hela arbetstiden. För en exakt bedömning av vibrations- och bullernivån bör även de tider beaktas när elverktyget är avstängt eller är igång, men inte används. Detta reducerar vibrations- och bullerbelastningen för den totala arbetsperioden betydligt.

Bestäm extra säkerhetsåtgärder för att skydda operatören mot vibrationernas inverkan t.ex.: underhåll av elverktyget och insatsverktygen, att hålla händerna varma, organisation av arbetsförloppen.

Batteri

► **Ta ut batteriet ur elverktyget innan alla arbeten på det (t.ex. underhåll, verktygsbyte, osv.).** Om strömbrytaren oavsiktligt påverkas finns risk för personskada.

Bosch säljer batteridrivna elverktyg även utan batteri. Om det ingår ett batteri i leveransen av ditt elverktyg kan du se på förpackningen.

Ladda batteriet

► **Använd endast de laddare som anges i tekniska data.** Endast denna typ av laddare är anpassad till det litiumjonbatteri som används i elverktyget.

Observera: litiumjonbatterier levereras delvis laddade enligt internationella transportföreskrifter. För full effekt ska batteriet laddas helt innan första användningen.

Sätta in batteriet

Skjut in det laddade batteriet i batterihållaren tills det sitter fast.

Borttagning av batteri

För att ta ut batteriet, tryck på upplåsningsknappen och dra ut batteriet. **Bruka inte våld.**

Batteriet är försedd med två låssteg som hindrar ackumulatören från att falla ut om dess upplåsningsknapp faller ut. När batteriet är insatt i elverktyget hålls det med en fjäder i rätt läge.

Indikering batteristatus

Observera: Inte varje batterityp har en laddningsindikation. De tre gröna LED-lamporna på indikeringen för batteristatus visar batteriets laddningsnivå. Av säkerhetsskäl kan man endast kontrollera batteristatus när elverktyget är stilla.

Tryck på knappen för indikering av batteristatus  eller , för att visa batteriets laddningsnivå. Detta är möjligt även då batteriet är uttaget.

Om ingen LED-lampa lyser efter ett tryck på knappen för batteristatus är batteriet defekt och måste bytas ut.

Batterityp GBA 18V... | GBA18V...



LED	Kapacitet
Fast ljus 3 × grönt	60–100 %
Fast ljus 2 × grönt	30–60 %
Fast ljus 1 × grönt	5–30 %
Blinkande ljus 1 × grönt	0–5 %

Batterityp ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Kapacitet
Fast ljus 5 × grönt	80–100 %
Fast ljus 4 × grönt	60–80 %
Fast ljus 3 × grönt	40–60 %
Fast ljus 2 × grönt	20–40 %
Fast ljus 1 × grönt	5–20 %
Blinkande ljus 1 × grönt	0–5 %

Anvisningar för korrekt hantering av batterimodulen

Skydda batterimodulen mot fukt och vatten.

Batteriet får endast lagras inom ett temperaturområde mellan -20°C till 50°C . Låt därför inte batterimodulen t. ex. på sommaren ligga kvar i bilen.

Rengör vid tillfälle batterimodulens ventilationsöppningar med en mjuk, ren och torr pensel.

Är brukstiden efter uppladdning onormalt kort tyder det på att batterierna är förbrukade och måste bytas mot nya.

Beakta anvisningarna för avfallshantering.

Montering

- **Ta ut batteriet ur elverktøyet innan alla arbeten på det (t.ex. underhåll, verktygsbyte, osv.).** Om strömbrytaren oavsiktligt påverkas finns risk för personskada.
- **Lägg alltid elverktøyet på sidan och ställ det inte på batteriet.** Beroende på valt insatsverktyg och batteri kan elverktøyet välta.

Fylla på magasinet (se bild A1–A2)

- **Ta bort batteriet innan du gör inställningar på apparaten, byter tillbehörskomponenter eller lägger undan elverktøyet.** Denna skyddsåtgärd förhindrar oavsiktlig start av elverktøyet.

Använd endast original Bosch-tillbehör. Elverktøyet's precisionsdelar, som magasin, mynning och kanal är anpassade till **klamrar, spikar och stift** från **Bosch**. Andra tillverkare använder andra stålmaterialiteter och dimensioner.

Observera: använd endast fästelement som specificeras i tabellen "Tekniska data".

Användning av otillåtet material kan skada elverktøyet och orsaka personskador.

Medan du arbetar på magasinet, håll elverktøyet så att mynningen **(1)** inte är riktad mot dig eller någon annan.

- Tryck på brytaren **(10)** för att öppna magasinet. Magasinförskjutaren **(11)** kör ut.
- Lägg spikremsan **(17)** i den vänstra övre delen av magasinet **(18)**.

Anmärkning: Ladda endast magasinet med spikar av samma längd. Ta ut spikarna ur magasinet innan du sätter i spikar med annan längd.

Observera: en elektronisk sensor känner av om det finns spikar i magasinet. Om utlösningssäkringen trycks in vid tomt magasin utlöser ingen indrivning. Därmed förhindras tomta skott.

- För att stänga magasinet **(18)**, för magasinförskjutaren **(11)** försiktigt framåt till början av magasinet **(18)**.

Observera: magasinförskjutaren måste kunna skjutas tillbaka utan stor kraft (för hand). En magasinförskjutare som sitter fast kan orsaka följande: spikarna skjuts inte ut, utan fastnar i utskjutningskanalen (se blockering) eller spikarna skjuts ut i fel vinkel.

Användning

- **Lägg alltid elverktøyet på sidan och ställ det inte på batteriet.** Beroende på valt insatsverktyg och batteri kan elverktøyet välta.

Utlösarsystem

Enskild utlösare med utlösarsäkring

Vid detta utlösarsystem måste utlösarsäkringen **(15)** först sättas fast mot arbetsstycket. Ett skott utlöses först när du trycker på avtryckaren **(6)**.

Därefter kan du skjuta igen först när avtryckaren **(6)** är i utgångsläge igen och utlösarsäkringen **(15)** är helt intryckt.

Första användningen

Påslagning/avstängning

Elverktøyet är klart för användning när batteriet **(8)** har satts i.

Skjuta ut spik

- Sätt mynningen **(1)** eller ev. materialskyddet **(2)** i gummi fast mot arbetsstycket tills utlösarsäkringen **(15)** är helt intryckt. Arbetsbelysningen **(5)** tänds.
- Tryck därefter kort på avtryckaren **(6)** och släpp den igen. En spik skjuts ut.
- För att skjuta igen lyfter du elverktøyet helt från arbetsstycket och sätter det fast mot nästa önskade ställe. Alternativt kan du hålla in utlösarsäkringen **(15)** och trycka på avtryckaren **(6)** för att skjuta ut ytterligare en spik.

Arbetsanvisningar

Kontrollera innan varje arbetstillfälle att säkerhets- och utlösaranordningarna fungerar felfritt och att alla skruvar och muttrar sitter fast.

Koppla från elverktøyet omedelbart om det inte fungerar felfritt eller är defekt och kontakta en auktoriserad Bosch kundtjänst.

Utför inga egna ändringar på elverktøyet. Demontera eller blockera inga delar av elverktøyet, som t. ex. utlösarsäkringen.

Utför inga "nödreparationer" med olämpliga hjälpmedel. Fackmässigt underhåll ska utföras regelbundet på elverktøyet.

Undvik försämringar och skador på elverktøyet, t. ex. på grund av:

- Slag eller ingraveringar
- Ändringar som inte godkänts av tillverkaren
- Användning på mallar som består av hårt material, t. ex. stål
- Fall eller förskjutning över golvet
- Användning som hammare
- Alla typer av våld.

Kontrollera vad som finns under eller bakom ditt arbetsstycke. Skjut inte in spikar i väggar, tak eller golv om en person befinner sig bakom. Spikarna kan gå igenom arbetsstycket och skada personen.

Skjut inte några spikar på spikar som redan skjutits in. Då kan spikarna deformeras eller klämmas fast, eller elverktøyet kan börja röra sig okontrollerat.

Undvik tomtskott för att reducera slagstämpelns slitage.

Ta ut batteriet ur elverktøyet under längre raster eller vid arbetets slut och töm magasinet om möjligt. Placera elverktøyet på en plan yta så att kontaktelementet inte aktiveras.

Tömma magasinet (se bild B1–B2)

- Tryck på brytaren **(10)** för att öppna magasinet. Magasinförskjutaren **(11)** kör ut.
- Vrid elverktyget så att spikremsan **(17)** glider ut i magasinet **(18)**.
- För att stänga magasinet **(18)**, för magasinförskjutaren **(11)** försiktigt framåt till början av magasinet **(18)**.

Ställa in djupanslag (se bild C)

Spikarnas anslagsdjup kan ställas in med reglaget **(12)**.

- Töm magasinet **(18)**.
- Spikarna skjuts för långt in:** för att reducera inslagsdjupet, vrid reglaget **(12)** i riktning "–".



- Spikarna skjuts inte in tillräckligt:** för att öka inslagsdjupet, vrid reglaget **(12)** i riktning "+".



- Fyll på magasinet igen.
- Testa det nya anslagsdjupet på en provbit. Upprepa stegen vid behov.

Lossa fastsättningar (se bild D1–D3)

Enskilda spikar kan fastna i kanalen. Om detta problem uppstår ofta, kontakta en auktoriserad Bosch kundtjänst.

- Släpp avtryckaren **(6)**.
- Ta ut batteriet **(8)** ur elverktyget.
- Töm magasinet **(18)**.
- Lossa skruvarna för öppning/stängning av kanalen **(4)** med hjälp av insexnyckeln **(13)** och ta bort locket till den **(3)** genom att skjuta och lyfta det så att kanalen kan öppnas.
- Ta bort spiken som fastnat. Använd en tång vid behov.
- Stäng kanalen genom att sätta på locket till kanalen **(3)** och skjuta det hela vägen till anslaget på elverktygets hölje.
- Lossa skruvarna för öppning/stängning av kanalen **(4)** med hjälp av insexnyckeln **(13)**.

Underhållsschema

Rengör magasinet **(18)**. Ta bort träspån som samlas i magasinet under arbetet. Renblås elverktyget med tryckluft i regelbundna intervaller.

Åtgärd	Orsak	Utförande
Rengör magasinet (18) och magasinförskjutaren (11) .	Förhindrar att en spik fastnar.	– Renblås magasinets/magasinförskjutarens mekanism med tryckluft.
Kontrollera att utlösarsäkringens (15) fungerar som den ska.	Det ökar arbetssäkerheten och gör elverktyget effektivt.	– Renblås utlösarsäkringens mekanism med tryckluft.

- Fyll på magasinet **(18)** igen.

Byta ut materialskyddet (se bild E)

Materialskyddet **(2)** i änden av utlösarsäkringens **(15)** skyddar arbetsstycket tills elverktyget är korrekt placerat för att skjuta in spiken. Materialskyddet kan tas av och bytas ut

- Släpp avtryckaren **(6)**.
- Ta ut batteriet **(8)** ur elverktyget.
- Töm magasinet **(18)**.
- Dra bort materialskyddet från utlösarsäkringens.
- Skjut det nya materialskyddet med den öppna änden över utlösarsäkringens.

Anmärkning: Materialskydd **(20)** för arbete i trånga utrymmen förvaras på undersidan av magasinet **(18)**. Efter byte av materialskydd, skjut in det andra materialskyddet i förvaringsfacket **(19)**.

Transport och förvaring

Ta ut batteriet ur elverktyget vid transport.

Bär endast elverktyget i handtaget **(16)** utan att trycka in avtryckaren **(6)**.

Förvara elverktyget separat från batteriet och på en torr, varm plats.

Om elverktyget inte ska användas under en längre period, pensla ett tunt lager olja på verktygsdelarna i stål. Detta förhindrar rost.

Bälteskrok (se bild F)

Med bälteskroken **(9)** kan du hänga elverktyget exempelvis i ett bälte. Vid upphängt elverktyg är båda händerna lediga och elverktyget är alltid till hands.

Underhåll och service

Underhåll och rengöring

- **Ta ut batteriet ur elverktyget innan alla arbeten på det (t.ex. underhåll, verktygsbyte, osv.).** Om strömbrytaren oavsiktligt påverkas finns risk för personskada.
- **Håll elverktyget och dess ventilationsöppningar rena för bra och säkert arbete.**

Störningsåtgärder

Problem	Orsak	Åtgärd
Elverktyget är inte redo för drift.	Batteriet är inte laddat eller är defekt.	– Ladda batteriet helt eller byt ut det.
	Batteriet är inte korrekt isatt.	– Kontrollera att batteriet sitter fast i handtaget.
	Batteriets temperatur är för hög eller för låg.	– Vänta tills batteriet återfår optimal driftstemperatur.
	Batterikontakterna eller motorn är smutsiga eller defekta.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Magasinet (18) är tomt.	– Fyll på magasinet igen. (se „Fylla på magasinet (se bild A1–A2)“, Sidan 11)
	Utlösarsäkringen (15) är böjd.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Elsystemet är defekt.	– Kontakta en auktoriserad Bosch-kundtjänst.
Elverktyget är redo för drift, men inga spikar skjuts ut.	Potentiell defekt hos följande komponenter: – Avtryckare (6) – Slagstämpel – Motor eller växellåda – Elsystem	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Främmande partiklar har samlats i skjutmekanismen.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Främmande partiklar har samlats i mynningen (1) eller i magasinet (18) .	– Rengör mynningen (1) eller magasinet (18) .
	En spik har fastnat i kanalen.	– Lossa spiken. (se „Lossa fastsättningar (se bild D1–D3)“, Sidan 12)
	Magasinförskjutaren (11) har fastnat eller är defekt.	– Rengör magasinförskjutaren (11) vid behov och se till att magasinet (18) inte är smutsigt. – Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Magasinförskjutarens fjäder är för svag eller defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Det indrivningsmaterial som används är otillåtet.	– Använd endast originaltillbehör. Endast spikar, klamrar osv som är specificerade i tabellen "Teknisk information" får användas.
	Magasinet (18) är tomt.	– Fyll på magasinet igen. (se „Fylla på magasinet (se bild A1–A2)“, Sidan 11)
	Avtryckare (6) och utlösarsäkring (15) används samtidigt.	– Utför indrivningen på nytt och beakta ordningsföljden.

Problem	Orsak	Åtgärd
Spikarna skjuts in för långt.	Djupanslaget är för djupt inställt.	– Ställ in djupanslaget till önskat djup. (se „Ställa in djupanslag (se bild C)“, Sidan 12)
	Bufferten är försliten.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
Spikarna skjuts inte in tillräckligt djupt.	Batteriet är inte laddat eller är defekt.	– Ladda batteriet helt eller byt ut det.
	Indrivningsmaterialet är för långt.	– Använd endast originaltillbehör. Endast spikar, klamrar osv som är specificerade i tabellen "Teknisk information" får användas.
	Djupanslaget är för högt inställt.	– Ställ in djupanslaget till önskat djup. (se „Ställa in djupanslag (se bild C)“, Sidan 12)
	Trycket mot arbetsstycket är för lågt.	– Tryck hårdare mot arbetsstycket med hjälp av elverktyget.
	Slagstämpeln är defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
Elverktyget hoppar över spikar.	Det indrivningsmaterial som används är otillåtet.	– Använd endast originaltillbehör. Endast spikar, klamrar osv som är specificerade i tabellen "Teknisk information" får användas.
	Magasinförskjutarens fjäder är för svag eller defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Slagstämpeln är defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
Spikarna fastnar ofta i kanalen.	Det indrivningsmaterial som används är otillåtet.	– Använd endast originaltillbehör. Endast spikar, klamrar osv som är specificerade i tabellen "Teknisk information" får användas.
		– Kontakta en auktoriserad Bosch-kundtjänst.
	Spikarna är föråldrade, limmet mellan dem häftar inte längre fast.	– Använd en ny spikremsa
Spikarna som skjuts in blir böjda.	Slagstämpeln är skadad.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Spikpistolen används i ett olämpligt material (t.ex. betong, sten).	– Använd endast spikpistolen för lämpligt material. (se „Ändamålsenlig användning“, Sidan 9)

Kundtjänst och applikationsrådgivning

Svenska

Tel.: (08) 7501820

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Släng inte elverktyg och inte heller batterier i hushållsavfall!

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