





















45544 EV3 Core Set



| Image | Qty | Item No | Description |
|---|-----|--------------|---|
| Regular Items: | | | |
| Parts: | | | |
|  | 1 | 8887-1 (Inv) | 8887 Power Functions Transformer 10VDC 1 Part, 2009 Catalog: Sets: Power Functions |
|  | 2 | 95658 | Electric, Motor - EV3, Large Catalog: Parts: Electric, Motor |
|  | 1 | 99455 | Electric, Motor - EV3, Medium Catalog: Parts: Electric, Motor |
|  | 1 | 95650 | Electric, Sensor, Color - EV3 Catalog: Parts: Electric |
|  | 1 | 99380 | Electric, Sensor, Gyro - EV3 Catalog: Parts: Electric |
|  | 2 | 95648 | Electric, Sensor, Touch - EV3 Catalog: Parts: Electric |
|  | 1 | 95652 | Electric, Sensor, Ultrasonic - EV3 Catalog: Parts: Electric |
|  | 1 | 95646c01 | Mindstorms EV3 - Complete Brick Catalog: Parts: Electric, Programmable |
|  | 1 | 95656 | Dark Bluish Gray Electric, Rechargeable Battery DC - EV3 Catalog: Parts: Electric |
|  | 1 | 99948 | Technic, Ball, Steel (fits 92911) Catalog: Parts: Technic |











45544 EV3 Core Set



| Image | Qty | Item No | Description |
|---|-----|---------|---|
| Regular Items: | | | |
| Parts: | | | |
|  | 1 | 10916 | Black Electric, Cable USB for Mindstorms EV3 (2 meter) Catalog: Parts: Electric, Wire & Connector |
|  | 4 | bb601 | Black Electric, Connector Cable, Mindstorms NXT 25cm Catalog: Parts: Electric, Wire & Connector |
|  | 2 | 55805 | Black Electric, Connector Cable, Mindstorms NXT 35cm Catalog: Parts: Electric, Wire & Connector |
|  | 1 | 55806 | Black Electric, Connector Cable, Mindstorms NXT 50cm Catalog: Parts: Electric, Wire & Connector |
|  | 4 | 32072 | Black Technic Knob Wheel Catalog: Parts: Technic |
|  | 4 | 57519 | Black Technic Tread Sprocket Wheel Large Catalog: Parts: Wheel |
|  | 2 | 99010 | Black Technic Turntable Small Top Catalog: Parts: Technic |
|  | 4 | 70162 | Black Technic Wedge Belt Wheel Tire Catalog: Parts: Technic |
|  | 4 | 3705 | Black Technic, Axle 4 Catalog: Parts: Technic, Axle |
|  | 4 | 3706 | Black Technic, Axle 6 Catalog: Parts: Technic, Axle |











45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|--|
| Regular Items: | | | |
| Parts: | | | |
|  | 2 | 3707 | Black Technic, Axle 8 Catalog: Parts: Technic, Axle |
|  | 2 | 3737 | Black Technic, Axle 10 Catalog: Parts: Technic, Axle |
|  | 2 | 3708 | Black Technic, Axle 12 Catalog: Parts: Technic, Axle |
|  | 4 | 32013 | Black Technic, Axle and Pin Connector Angled #1 Catalog: Parts: Technic, Connector |
|  | 4 | 32034 | Black Technic, Axle and Pin Connector Angled #2 - 180 degrees Catalog: Parts: Technic, Connector |
|  | 2 | 32014 | Black Technic, Axle and Pin Connector Angled #6 - 90 degrees Catalog: Parts: Technic, Connector |
|  | 8 | 32184 | Black Technic, Axle and Pin Connector Perpendicular 3L with Center Pin Hole Catalog: Parts: Technic, Connector |
|  | 4 | 32291 | Black Technic, Axle and Pin Connector Perpendicular Double Catalog: Parts: Technic, Connector |
|  | 4 | 41678 | Black Technic, Axle and Pin Connector Perpendicular Double Split Catalog: Parts: Technic, Connector |
|  | 4 | 45590 | Black Technic, Axle Connector Double Flexible (Rubber) Catalog: Parts: Technic, Connector |











45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|---|
| Regular Items: | | | |
| Parts: | | | |
|  | 2 | 32270 | Black Technic, Gear 12 Tooth Double Bevel Catalog: Parts: Technic, Gear |
|  | 2 | 32269 | Black Technic, Gear 20 Tooth Double Bevel Catalog: Parts: Technic, Gear |
|  | 2 | 32498 | Black Technic, Gear 36 Tooth Double Bevel Catalog: Parts: Technic, Gear |
|  | 4 | 60483 | Black Technic, Liftarm 1 x 2 Thick with Pin Hole and Axle Hole Catalog: Parts: Technic, Liftarm |
|  | 2 | 32523 | Black Technic, Liftarm 1 x 3 Thick Catalog: Parts: Technic, Liftarm |
|  | 2 | 33299 | Black Technic, Liftarm 1 x 3 with 2 Axle Holes and Pin / Crank Catalog: Parts: Technic, Liftarm |
|  | 2 | 32449 | Black Technic, Liftarm 1 x 4 Thin Catalog: Parts: Technic, Liftarm |
|  | 4 | 6629 | Black Technic, Liftarm 1 x 9 Bent (6 - 4) Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 60484 | Black Technic, Liftarm 3 x 3 T-Shape Thick Catalog: Parts: Technic, Liftarm |
|  | 54 | 57518 | Black Technic, Link Tread Wide with Two Pin Holes Catalog: Parts: Technic, Link |











45544 EV3 Core Set



| Image | Qty | Item No | Description |
|---|-----|---------|---|
| Regular Items: | | | |
| Parts: | | | |
|  | 1 | 87080 | Black Technic, Panel Fairing # 1 Small Smooth Short, Side A Catalog: Parts: Technic, Panel |
|  | 1 | 87086 | Black Technic, Panel Fairing # 2 Small Smooth Short, Side B Catalog: Parts: Technic, Panel |
|  | 1 | 64392 | Black Technic, Panel Fairing #17 Large Smooth, Side A Catalog: Parts: Technic, Panel |
|  | 1 | 64682 | Black Technic, Panel Fairing #18 Large Smooth, Side B Catalog: Parts: Technic, Panel |
|  | 60 | 2780 | Black Technic, Pin with Friction Ridges Lengthwise WITH Center Slots Catalog: Parts: Technic, Pin |
|  | 2 | 41897 | Black Tire 56 x 28 ZR Street Catalog: Parts: Tire & Tread |
|  | 20 | 43093 | Blue Technic, Axle Pin with Friction Ridges Lengthwise Catalog: Parts: Technic, Axle |
|  | 4 | 32523 | Blue Technic, Liftarm 1 x 3 Thick Catalog: Parts: Technic, Liftarm |
|  | 30 | 6558 | Blue Technic, Pin Long with Friction Ridges Lengthwise Catalog: Parts: Technic, Pin |
|  | 4 | 4185 | Dark Bluish Gray Technic Wedge Belt Wheel (Pulley) Catalog: Parts: Technic |











45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|---|
| Regular Items: | | | |
| Parts: | | | |
|  | 2 | 87083 | Dark Bluish Gray Technic, Axle 4 with Stop Catalog: Parts: Technic, Axle |
|  | 2 | 55013 | Dark Bluish Gray Technic, Axle 8 with Stop Catalog: Parts: Technic, Axle |
|  | 8 | 42003 | Dark Bluish Gray Technic, Axle and Pin Connector Perpendicular 3L with 2 Pin Holes Catalog: Parts: Technic, Connector |
|  | 4 | 10928 | Dark Bluish Gray Technic, Gear 8 Tooth Type 2 Catalog: Parts: Technic, Gear |
|  | 4 | 3648 | Dark Bluish Gray Technic, Gear 24 Tooth (New Style with Single Axle Hole) Catalog: Parts: Technic, Gear |
|  | 1 | 92911 | Dark Bluish Gray Technic, Steering Ball Joint Large Receptacle Catalog: Parts: Technic, Steering |
|  | 2 | 6587 | Dark Tan Technic, Axle 3 with Stud Catalog: Parts: Technic, Axle |
|  | 4 | 32523 | Green Technic, Liftarm 1 x 3 Thick Catalog: Parts: Technic, Liftarm |
|  | 10 | 3713 | Light Bluish Gray Technic Bush Catalog: Parts: Technic |
|  | 2 | 99009 | Light Bluish Gray Technic Turntable Small Bottom Catalog: Parts: Technic |

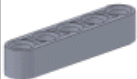









45544 EV3 Core Set



| Image | Qty | Item No | Description |
|---|-----|---------|---|
| Regular Items: | | | |
| Parts: | | | |
|  | 14 | 4519 | Light Bluish Gray Technic, Axle 3 Catalog: Parts: Technic, Axle |
|  | 6 | 32073 | Light Bluish Gray Technic, Axle 5 Catalog: Parts: Technic, Axle |
|  | 5 | 44294 | Light Bluish Gray Technic, Axle 7 Catalog: Parts: Technic, Axle |
|  | 2 | 60485 | Light Bluish Gray Technic, Axle 9 Catalog: Parts: Technic, Axle |
|  | 8 | 6536 | Light Bluish Gray Technic, Axle and Pin Connector Perpendicular Catalog: Parts: Technic, Connector |
|  | 6 | 63869 | Light Bluish Gray Technic, Axle and Pin Connector Perpendicular Triple Catalog: Parts: Technic, Connector |
|  | 2 | 57585 | Light Bluish Gray Technic, Axle Connector Hub with 3 Axles Catalog: Parts: Technic, Connector |
|  | 4 | 94925 | Light Bluish Gray Technic, Gear 16 Tooth (New Style Reinforced) Catalog: Parts: Technic, Gear |
|  | 2 | 3649 | Light Bluish Gray Technic, Gear 40 Tooth Catalog: Parts: Technic, Gear |
|  | 2 | 4716 | Light Bluish Gray Technic, Gear Worm Screw Catalog: Parts: Technic, Gear |







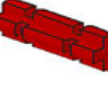



45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|--|
| Regular Items: | | | |
| Parts: | | | |
|  | 4 | 32316 | Light Bluish Gray Technic, Liftarm 1 x 5 Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 32524 | Light Bluish Gray Technic, Liftarm 1 x 7 Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 32271 | Light Bluish Gray Technic, Liftarm 1 x 9 Bent (7 - 3) Thick Catalog: Parts: Technic, Liftarm |
|  | 6 | 40490 | Light Bluish Gray Technic, Liftarm 1 x 9 Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 32525 | Light Bluish Gray Technic, Liftarm 1 x 11 Thick Catalog: Parts: Technic, Liftarm |
|  | 6 | 41239 | Light Bluish Gray Technic, Liftarm 1 x 13 Thick Catalog: Parts: Technic, Liftarm |
|  | 2 | 32526 | Light Bluish Gray Technic, Liftarm 3 x 5 L-Shape Thick Catalog: Parts: Technic, Liftarm |
|  | 3 | 64179 | Light Bluish Gray Technic, Liftarm 5 x 7 Open Center Frame Thick Catalog: Parts: Technic, Liftarm |
|  | 1 | 64178 | Light Bluish Gray Technic, Liftarm 5 x 11 Open Center Frame Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 99773 | Light Bluish Gray Technic, Liftarm Triangle Thin, Type II Catalog: Parts: Technic, Liftarm |











45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|--|
| Regular Items: | | | |
| Parts: | | | |
|  | 4 | 55615 | Light Bluish Gray Technic, Pin Connector Perpendicular 3 x 3 Bent with 4 Pins Catalog: Parts: Technic, Connector |
|  | 6 | 48989 | Light Bluish Gray Technic, Pin Connector Perpendicular 3L with 4 Pins Catalog: Parts: Technic, Connector |
|  | 4 | 62462 | Light Bluish Gray Technic, Pin Connector Round 2L with Slot (Pin Joiner Round) Catalog: Parts: Technic, Connector |
|  | 4 | 87082 | Light Bluish Gray Technic, Pin Long with Friction Ridges Lengthwise and Center Pin Hole Catalog: Parts: Technic, Pin |
|  | 10 | 3673 | Light Bluish Gray Technic, Pin without Friction Ridges Lengthwise Catalog: Parts: Technic, Pin |
|  | 2 | 56908 | Light Bluish Gray Wheel 43.2mm D. x 26mm Technic Racing Small, 6 Pin Holes Catalog: Parts: Wheel |
|  | 10 | 32062 | Red Technic, Axle 2 Notched Catalog: Parts: Technic, Axle |
|  | 6 | 6538c | Red Technic, Axle Connector (Smooth with x Hole + Orientation) Catalog: Parts: Technic, Connector |
|  | 4 | 32523 | Red Technic, Liftarm 1 x 3 Thick Catalog: Parts: Technic, Liftarm |
|  | 6 | 32140 | Red Technic, Liftarm 2 x 4 L-Shape Thick Catalog: Parts: Technic, Liftarm |

45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|--|
| Regular Items: | | | |
| Parts: | | | |
|  | 2 | 44809 | Red Technic, Pin Connector Perpendicular 2 x 2 Bent Catalog: Parts: Technic, Connector |
|  | 22 | 32054 | Red Technic, Pin Long with Friction Ridges Lengthwise and Stop Bush Catalog: Parts: Technic, Pin |
|  | 8 | 3749 | Tan Technic, Axle Pin without Friction Ridges Lengthwise Catalog: Parts: Technic, Axle |
|  | 2 | 6589 | Tan Technic, Gear 12 Tooth Bevel Catalog: Parts: Technic, Gear |
|  | 6 | 32556 | Tan Technic, Pin Long without Friction Ridges Lengthwise Catalog: Parts: Technic, Pin |
|  | 4 | x346 | White Bionicle 1 x 3 Tooth with Axle Hole Catalog: Parts: Bionicle |
|  | 6 | 32348 | White Technic, Liftarm 1 x 7 Bent (4 - 4) Thick Catalog: Parts: Technic, Liftarm |
|  | 6 | 32278 | White Technic, Liftarm 1 x 15 Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 32009 | White Technic, Liftarm 1 x 11.5 Double Bent Thick Catalog: Parts: Technic, Liftarm |
|  | 4 | 32526 | White Technic, Liftarm 3 x 5 L-Shape Thick Catalog: Parts: Technic, Liftarm |

45544 EV3 Core Set



| Image | Qty | Item No | Description |
|--|-----|---------|--|
| Regular Items: | | | |
| Parts: | | | |
|  | 10 | 4265c | Yellow Technic Bush 1/2 Smooth Catalog: Parts: Technic |
|  | 4 | 32523 | Yellow Technic, Liftarm 1 x 3 Thick Catalog: Parts: Technic, Liftarm |
| Books: | | | |
|  | 1 | 45544bc | Set 45544 Activity Booklet - Cover and Inventory Card Catalog: Books: Curriculum Activity Book: Educational & Dacta: Mindstorms: EV3 |
|  | 1 | 6044716 | Cardboard Bin Liner for EV3 Sets Catalog: Books: Curriculum Activity Book: Educational & Dacta: Mindstorms: EV3 |
|  | 1 | | INST Instructions for EV3 Sets Catalog: Books: Curriculum Activity Book: Educational & Dacta: Mindstorms: EV3 |
| Gear: | | | |
|  | 1 | 54187 | Black Dacta Storage Bin Medium (new style) Catalog: Gear: Storage: Educational & Dacta |
|  | 1 | 54572 | Red Dacta Storage Bin Upper Tray - 13 Compartment (fits new style storage bins) Catalog: Gear: Storage: Educational & Dacta |
|  | 1 | 54190 | Trans-Clear Dacta Storage Bin Lid (fits new style storage bins) Catalog: Gear: Storage: Educational & Dacta |