

Motor And Gearing Recommendations By Vehicle

AXIAL AX10

General Trail use:

35t – 27t TrailMaster Sport 540*

35t – 27t TorqueMaster 540*

16t – 13t CrawlMaster 540*

Competition:

30t – 27t TorqueMaster 540*

13t – 11t CrawlMaster 540*

*5.6:1 pinion to spur ratio advised to prevent overheating. Example: 15 tooth pinion and 84 tooth spur

AXIAL CAPRA

General Trail use:

55t – 35t TrailMaster Sport 540

55t – 35t TorqueMaster 540

20t – 16t* CrawlMaster 540

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver 540 Sensorless

*10 tooth pinion recommended

AXIAL RR10 BOMBER

General Trail use:

27t – 21t TrailMaster Sport 550*

30t – 21t TorqueMaster 550*

12t – 10t CrawlMaster 550*

Puller Pro BL 540 Standard, 540-L, 540 XL

TrailMaster Pro BL 540

*11 tooth pinion / 68 tooth spur advised for brushed motors to prevent overheating.
Stock gearing compatible with brushless motors.

AXIAL SCX10

General Trail use:

*35t – 27t TrailMaster Sport 540**

*35t – 27t TorqueMaster 540**

*16t – 13t CrawlMaster 540**

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

**5.6:1 pinion to spur ratio advised for brushed motors to prevent overheating. Example: 15 tooth pinion and 84 tooth spur*

Stock gearing compatible with brushless motors.

AXIAL SCX10 II

General Trail use:

35t – 27t TrailMaster Sport 540

27t – 21t TrailMaster Sport 550

35t – 27t TorqueMaster 540

30t – 21t TorqueMaster 550

16t – 13t CrawlMaster 540

12t – 10t CrawlMaster 550

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

Stock (15 tooth kit pinion/ 13 tooth RTR pinion / 56 tooth spur) gearing compatible with 35t TorqueMaster 540 and 16t CrawlMaster 540

Stock gearing compatible with brushless and brushed motors using stock tire sizes.

Brushed motors will require gearing down if increasing wheel and tire size.

AXIAL SCX10 III

General Trail use:

27t – 21t TrailMaster Sport 550 (12t is not suitable for crawling)

27t – 21t TorqueMaster 550

12t – 10t CrawlMaster 550

Puller Pro BL 540 Standard

TrailMaster Pro BL 540

Revolver 540 Sensorless

AXIAL SMT10

General Trail use:

27t – 21t TrailMaster Sport 550

30t – 21t TorqueMaster 550

12t – 10t CrawlMaster 550

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

AXIAL WRAITH

General Trail use:

*35t – 27t TrailMaster Sport 540**

*35t – 27t TorqueMaster 540**

*16t – 13t CrawlMaster 540**

(the 13t TorqueMaster 540 is not suitable for the Axial Wraith)

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

**5.6:1 pinion to spur ratio (or even lower gearing) advised to prevent overheating for brushed motors. Example: 15 or 14 tooth pinion and 84 tooth spur.*

Stock gearing compatible with brushless motors.

AXIAL XR10

General Trail use:

35t – 27t TrailMaster Sport 540

40t – 27t TorqueMaster 540

16t – 13t CrawlMaster 540

Competition:

35t – 30t TorqueMaster 540

16t – 13t CrawlMaster 540

Start with stock pinion, 14 tooth or smaller

AXIAL YETI (1/10)

General Trail use:

Puller Pro BL 540 Standard, 540-L, 540 XL.

(1/8 scale Yeti XL is incompatible with our motors)

ELEMENT RC ENDURO

General Trail use:

35t – 27t TrailMaster Sport 540

27t – 21t TrailMaster Sport 550

35t – 27t TorqueMaster 540

30t – 21t TorqueMaster 550

16t – 13t CrawlMaster 540

12t – 10t CrawlMaster 550

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

ENROUTE BERG

General Trail use:

40t – 27t TorqueMaster 540

16t – 13t CrawlMaster 540

Competition:

35t – 30t TorqueMaster 540

16t – 13t CrawlMaster 540

35t – 30t Puller 500 Flow

16t – 13t Puller 500 Crawl

12 tooth or smaller pinion recommended

HPI VENTURE

General Trail use:

35t – 27t TrailMaster Sport 540

27t – 21t TrailMaster Sport 550

35t – 27t TorqueMaster 540

30t – 21t TorqueMaster 550

16t – 13t CrawlMaster 540

12t – 10t CrawlMaster 550

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

*Stock gearing compatible with brushless and 550 size brushed motors.
540 size brushed motors may require gearing down, especially if increasing wheel and tire size.*

LOSI BAJA REY

General Trail use:

Puller Pro 540-L, 540 XL

LOSI NIGHT CRAWLER

General Trail use:

Puller Pro BL 540 Standard

TrailMaster Pro BL 540

Revolver 540 Sensorless

LOSI ROCK REY

General Trail use:

Puller Pro BL 540 Standard, 540-L, 540 XL

TrailMaster Pro BL 540

Revolver 540 Sensorless

RC4WD BULLY II

General Trail use:

40t – 27t TorqueMaster 540

16t – 13t CrawlMaster 540

Competition:

35t – 30t TorqueMaster 540

16t – 13t CrawlMaster 540

35t – 30t Puller 500 Flow

16t – 13t Puller 500 Crawl

~35:1 overall reduction from the motor output to the tires

RC4WD GELANDE II

General Trail use:

35t – 27t TrailMaster Sport 540

27t – 21t TrailMaster Sport 550

35t – 27t TorqueMaster 540
30t – 21t TorqueMaster 550
16t – 13t CrawlMaster 540
12t – 10t CrawlMaster 550
Puller Pro BL 540 Stubby or Standard
TrailMaster Pro BL 540
Revolver Snubnose 540 or Revolver 540 Sensorless
Competition:
30t – 27t TorqueMaster 540
16t – 11t Crawlmaster 540

RC4WD TRAIL FINDER 2

General Trail use:

*35t – 27t TrailMaster Sport 540**
27t – 21t TrailMaster Sport 550
*35t – 27t TorqueMaster 540**
30t – 21t TorqueMaster 550
*16t – 13t CrawlMaster 540**
12t – 10t CrawlMaster 550
Puller Pro BL 540 Stubby or Standard
TrailMaster Pro BL 540
Revolver Snubnose 540 or Revolver 540 Sensorless

Competition:

*30t – 27t TorqueMaster 540**
*16t – 11t Crawlmaster 540**

**540 size brushed motors will need to have motor temperatures closely monitored when using 2nd gear.*

Stock gearing compatible with brushless and 550 size brushed motors.

REDCAT RACING GEN8

General Trail use:

45t – 21t TrailMaster Sport 550 (12t is not suitable for crawling)
27t – 21t TorqueMaster 550
12t – 10t CrawlMaster 550
Puller Pro BL 540 Standard
TrailMaster Pro BL 540
Revolver 540 Sensorless

TRACTION HOBBY CRAGSMAN

General Trail use:

45t – 21t TrailMaster Sport 550

27t – 21t TorqueMaster 550

TRAXXAS SLASH 4X4

General Trail use:

12t TrailMaster Sport 550

TRAXXAS TELLURIDE 4X4

General Trail use:

12t TrailMaster Sport 550

TRAXXAS TRX-4

General Trail use:

27t – 21t TrailMaster Sport 550 (12t is not suitable for crawling)

27t – 21t TorqueMaster 550

12t – 10t CrawlMaster 550

Puller Pro BL 540 Standard

TrailMaster Pro BL 540

Revolver 540 Sensorless

VANQUISH VS4-10

General Trail use:

35t – 27t TrailMaster Sport 540

27t – 21t TrailMaster Sport 550

35t – 27t TorqueMaster 540

30t – 21t TorqueMaster 550

16t – 13t CrawlMaster 540

12t – 10t CrawlMaster 550

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

Stock (15 tooth kit pinion/ 13 tooth RTR pinion / 56 tooth spur) gearing compatible with 35t TorqueMaster 540 and 16t CrawlMaster 540

Stock gearing compatible with brushless and brushed motors using stock tire sizes.

Brushed motors will require gearing down if increasing wheel and tire size.

VANQUISH VS4-10 PRO

General Trail use:

35t – 27t TrailMaster Sport 540

35t – 27t TorqueMaster 540

16t – 13t CrawlMaster 540

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

VATERRA ASCENDER

General Trail use:

35t – 27t TrailMaster Sport 540

35t – 27t TorqueMaster 540

16t – 13t CrawlMaster 540

Puller Pro BL 540 Stubby or Standard

TrailMaster Pro BL 540

Revolver Snubnose 540 or Revolver 540 Sensorless

VATERRA TWIN HAMMERS

General Trail use:

13t TorqueMaster 540