

## Transformers A6146

# Transformers Construct-Bots Dinofire Grimlock and Optimus Prime Set (Model A6146) Instruction Manual

Your Guide to Assembly and Play

## 1. INTRODUCTION

Welcome to the world of Transformers Construct-Bots! This manual provides comprehensive instructions for assembling and operating your Dinofire Grimlock and Optimus Prime figures. These figures can be built in multiple modes and combined for enhanced play. Please read all instructions carefully before beginning assembly.

## 2. SAFETY INFORMATION

- **Recommended Age:** This product is recommended for ages 7 years and up.
- **Small Parts:** The set contains small parts which may pose a choking hazard for children under 3 years of age. Adult supervision is advised during assembly and play.
- **Battery Safety:** Grimlock's Firebreath launcher requires 2 AA batteries (included). Ensure batteries are inserted with correct polarity (+/-). Do not mix old and new batteries, or alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Remove batteries if the product is not used for an extended period.

## 3. PACKAGE CONTENTS

Your Transformers Construct-Bots Dinofire Grimlock and Optimus Prime Set includes the following components:

- 79 building pieces for Grimlock and Optimus Prime
- 9 missiles
- 2 rapid-fire cannons
- 2 AA batteries (pre-installed for Grimlock's Firebreath launcher)



Image 3.1: The product packaging displaying the contents and features of the Construct-Bots set.

## 4. ASSEMBLY INSTRUCTIONS

This set allows you to build both Optimus Prime and Dinofire Grimlock. Follow the steps below for assembly.

### 4.1. Assembling Optimus Prime (Robot Mode)

1. Identify all pieces designated for Optimus Prime. These typically include blue, red, and grey components.
2. Begin by connecting the torso and waist sections.
3. Attach the leg components to the waist, ensuring secure connections at the hip joints.
4. Assemble the arm components and attach them to the shoulder joints on the torso.
5. Finally, attach the head piece to complete Optimus Prime in robot mode.

### 4.2. Assembling Dinofire Grimlock (Robot or Dino Mode)

Grimlock can be assembled in two primary modes: robot or dinosaur. The light-up Firebreath launcher is integrated into the head assembly.

1. Separate Grimlock's pieces, which are predominantly orange, black, and grey.
2. **For Dino Mode:**
  - Assemble the main body and tail sections.
  - Attach the four leg assemblies, ensuring they are oriented for dinosaur posture.
  - Connect the head piece, which contains the light-up Firebreath launcher. Ensure the battery compartment is closed and secured.
  - Attach any additional armor or weapon pieces to complete the dinosaur form.
3. **For Robot Mode:**
  - Assemble the torso and waist, orienting them for a bipedal robot.
  - Attach the two leg assemblies, ensuring they are positioned for robot stance.

- Connect the arm assemblies, which may include weapon attachments.
- Attach the head piece, which contains the light-up Firebreath launcher, to the neck joint.



Image 4.1: Dinofire Grimlock assembled in its dinosaur mode, alongside Optimus Prime in a compact vehicle form.



Image 4.2: Dinofire Grimlock assembled in its robot mode, standing next to Optimus Prime in his robot form.

## 5. OPERATING INSTRUCTIONS

## **5.1. Transforming Grimlock**

To transform Grimlock between robot and dinosaur modes, carefully detach and reattach the limbs and body sections according to the desired configuration. Refer to the visual guides on the product packaging or included diagrams for specific transformation steps.

## **5.2. Using the Dinofire Grimlock Firebreath Launcher**

1. Ensure 2 AA batteries are correctly installed in Grimlock's head unit.
2. Locate the activation button, typically on the side or top of Grimlock's head.
3. Press the button to activate the light-up Firebreath effect.

## **5.3. Combining Figures**

Optimus Prime can ride Dinofire Grimlock when Grimlock is in dinosaur mode. Position Optimus Prime (in robot mode) onto Grimlock's back, utilizing any designated pegs or slots for a secure fit.





Image 5.1: Optimus Prime figure in robot mode positioned on the back of Dinofire Grimlock in dinosaur mode.

## 6. MAINTENANCE

- **Cleaning:** Wipe figures with a dry, soft cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the figures and all components in a cool, dry place away from direct sunlight to prevent material degradation.
- **Battery Replacement:** If the light-up feature dims or stops working, replace the 2 AA batteries.

## 7. TROUBLESHOOTING

- **Pieces Detach Easily:** Ensure all connections are firmly pressed into place during assembly. While designed for reassembly, frequent forceful impacts may loosen connections. Reattach any detached pieces

carefully.

- **Light-up Feature Not Working:** Check that the 2 AA batteries are correctly inserted with the proper polarity. If issues persist, replace with fresh batteries.
- **Difficulty Transforming:** Refer to the visual instructions provided with the product for detailed transformation sequences. Ensure all joints are aligned correctly before attempting to connect parts.

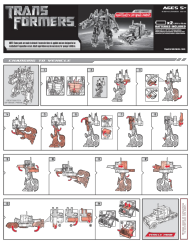

8. SPECIFICATIONS

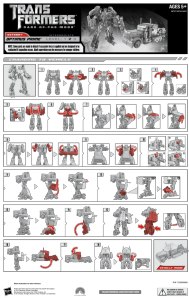



Product Dimensions	3.5 x 14.49 x 10 inches
Item Weight	1.9 pounds
Model Number	A6146
Manufacturer Recommended Age	7 years and up
Batteries	2 AA batteries (included)
Manufacturer	Hasbro

9. WARRANTY AND SUPPORT

For information regarding product warranty, replacement parts, or customer support, please refer to the contact details provided on the product packaging or visit the official Hasbro website. Keep your purchase receipt for warranty claims.

Related Documents - A6146

	<p><a href="#">Transformers Nightwatch Optimus Prime Conversion and Operation Guide</a></p> <p>Step-by-step instructions for converting the Transformers Nightwatch Optimus Prime action figure from robot mode to vehicle mode, including details on action features, battery replacement, and safety precautions.</p>
	<p><a href="#">Optimus Prime Converting R/C Truck - Instruction Manual</a></p> <p>Detailed instructions for setting up, charging, and operating the Optimus Prime Converting R/C Truck, including battery installation, remote control functions, and transformation modes.</p>

	<p><a href="#"><u>Transformers Dark of the Moon Optimus Prime MechTech Voyager Class Transformation Instructions</u></a></p> <p>Step-by-step guide for transforming the Transformers Dark of the Moon Optimus Prime MechTech Voyager Class toy from robot mode to vehicle mode. Includes detailed instructions and product information.</p>
	<p><a href="#"><u>Transformers Studio Series 53 Voyager Class Constructicon Mixmaster - Transformation and Assembly Instructions</u></a></p> <p>Detailed instructions for transforming the Transformers Studio Series 53 Voyager Class Constructicon Mixmaster action figure into robot mode, vehicle mode, and as a component for the Devastator combiner. Includes product information and compatibility details.</p>
	<p><a href="#"><u>Transformers Studio Series 41 Deluxe Class Constructicon Scrapmetal Transformation Instructions</u></a></p> <p>Official transformation instructions for the Transformers Studio Series 41 Deluxe Class Constructicon Scrapmetal action figure. Learn how to convert Scrapmetal from robot to excavator mode. Features details on collecting other Constructicons and forming Devastator.</p>
	<p><a href="#"><u>Transformers Studio Series 55 Constructicon Scavenger - Robot to Vehicle Transformation Instructions</u></a></p> <p>Detailed, step-by-step instructions for transforming the Transformers Studio Series 55 Leader Class Constructicon Scavenger action figure from robot mode to vehicle mode. Includes product information and warnings.</p>