

YITAMOTOR® 1/4" Toro-Style Quick Attachment Mount Plate

Heavy-Duty Quick Attachment Mount Plate for Compatible Compact Utility Loaders

Designed For	Toro Dingo, Thomas, Ramrod, Finn, Ditch Witch, Boxer and other compatible Toro-style attachment interfaces.
Not Compatible	Bobcat, Kanga, Kid, Prodigy.

IMPORTANT SAFETY NOTICE

Read this manual completely before installation or use. The mount plate is an attachment interface and may be welded or bolted to a compatible implement. The final attachment method, fastener grade, weld procedure, and structural suitability must be determined for the specific implement and application.

Always verify machine compatibility before installation. Do not use this mount plate on machines listed as incompatible.

Product Highlights

- 1/4" heavy-duty alloy steel mount plate with 1/2" thick inserts.
- Approx. 28 lb product weight; designed for demanding outdoor work.
- Toro-style interface for compatible machines.
- Can be welded or bolted to plows, fork lifts, bale handlers and other suitable implements.
- Useful for agricultural, material-handling, towing and transport applications.
- Durable painted finish for outdoor use.

Document purpose: installation, basic inspection and safe-use guidance.

1. Before You Begin

Confirm the mount plate is the correct interface for your machine and implement. Inspect all parts for shipping damage, cracks, deformation, missing hardware or damaged mounting surfaces.

Recommended tools and equipment

Item	Purpose
Tape measure / ruler	Verify mounting dimensions and alignment
Wrench / socket set	Install and tighten bolted connections
Torque wrench	Apply the implement manufacturer's specified torque
Drill and appropriate bits	Only if new mounting holes are required
Welding equipment	Only for qualified weld installation
Safety glasses, gloves, hearing protection	Personal protective equipment

Note: The product may be supplied without installation hardware because the required hardware depends on the implement. Use hardware appropriate for the load and application.

2. Installation

The mount plate can be attached to a suitable implement by welding or bolting. Select the method appropriate for the implement's material, structure and intended load.

STEP 1 — Verify compatibility

Confirm the machine uses a compatible Toro-style attachment interface. This product is designed for Toro Dingo, Thomas, Ramrod, Finn, Ditch Witch, Boxer and similar compatible interfaces. It is not designed for Bobcat, Kanga, Kid or Prodigy.

STEP 2 — Inspect and clean

Place the implement on a stable surface. Clean the mounting surfaces and inspect the plate, inserts and implement for cracks, burrs, distortion or other damage.

STEP 3 — Position the mount plate

Set the mount plate against the implement and determine the intended mounting location. Center and align the plate so the load path is supported by the implement's structural members.

STEP 4 — Choose the attachment method

Bolted installation: Mark and drill mounting holes only where the implement structure permits. Use appropriately sized, high-strength fasteners, washers and locking hardware.

Welded installation: A qualified welder should select the welding process, filler material, joint preparation and weld size based on the base materials and expected loads.

STEP 5 — Secure the plate

For bolted installation, install all required fasteners and tighten them evenly. Final torque must follow the fastener/implement manufacturer's specification; do not substitute a guessed torque value. For welded installation, complete continuous or intermittent welds as required by the qualified welding procedure.

STEP 6 — Check alignment

Verify that the plate is square and securely attached. Make sure the machine's attachment locking mechanism can fully engage without interference.

STEP 7 — Perform a no-load test

Connect the implement to the compatible machine without a working load. Engage the attachment lock and verify that all locking points are fully seated. Operate the attachment slowly through its normal range.

STEP 8 — Perform a controlled load test

If the no-load inspection passes, perform a controlled test with a light load in a safe area. Stop immediately if you observe movement, cracking, unusual noise, fastener loosening or deformation.

3. Operation & Application Guidance

This mount plate is intended as a versatile interface for compatible compact utility loaders and implements. Typical customer applications include moving pallets, towing or moving objects, hauling chipped wood, towing logs, transporting posts, relocating equipment and similar material-handling work.

Application	General guidance
Plows	Mount using a structurally suitable weld or bolted connection. Verify blade and attachment loads before use.
Fork lifts / pallet handling	Confirm the implement and attachment are rated for the intended load. Keep loads low and stable during movement.
Bale handlers	Verify the bale handler structure and connection are suitable for the combined load and operating forces.
Agricultural / outdoor work	Inspect the mount before each use, especially after impact, heavy loads or rough terrain.
Towing / moving objects	Use only when the implement, mount and machine are structurally suitable for towing forces. Avoid shock loading.

4. Safety Rules

- Never exceed the rated capacity of the machine, implement, fasteners or attachment system—whichever is lower.
- Never stand beneath a raised attachment or suspended load.
- Keep bystanders away from the work area.
- Do not use a damaged, cracked, bent or loose mount plate.
- Do not modify the attachment interface or locking geometry without confirming structural compatibility.
- Avoid sudden starts, stops, impacts and shock loading, especially during towing.
- Before disconnecting, place the implement on stable ground and release hydraulic/mechanical forces.
- After the first few operating cycles, recheck bolted connections for loosening and inspect welds for cracking.
- Use the machine manufacturer's operating instructions in addition to this manual.

5. Inspection & Maintenance

Before every use

Check the plate, inserts, mounting points, fasteners and welds. Confirm there is no visible cracking, bending, corrosion that compromises the structure, or loose hardware.

Periodic maintenance

Keep the mounting surfaces clean. Touch up damaged paint as appropriate to help protect exposed steel. Replace damaged fasteners with equivalent or higher-rated hardware. If any structural damage is found,

remove the attachment from service until it has been properly evaluated and repaired.

6. Troubleshooting

Issue	Possible cause	Action
Attachment will not fully lock	Incorrect machine interface or plate misalignment	Stop use; verify compatibility and alignment.
Plate moves under load	Loose/insufficient fasteners or inadequate weld	Stop immediately; inspect and repair before reuse.
Cracking or deformation	Overload, impact or unsuitable implement structure	Remove from service and have the assembly professionally inspected.
Unusual noise during operation	Loose connection or interference	Stop, lower the implement safely and inspect all connection points.

7. Product Specifications

Specification	Detail
Mount plate thickness	1/4" steel
Insert thickness	1/2"
Approx. product weight	28 lb
Construction	Heavy-duty alloy steel
Finish	Durable painted finish
Interface style	Toro-style quick attachment
Attachment method	Weld-on or bolt-on, depending on implement

Disclaimer

Compatibility, load capacity and safe operation depend on the specific machine, implement, mounting method and working conditions. The information in this manual is general installation guidance and does not replace the machine or implement manufacturer's instructions. Always use professional judgment and qualified personnel for structural welding or modifications.

YITAMOTOR® — Built for practical work in agriculture, material handling and outdoor applications.