

GreyGreed Tank Tools Engineering Log - 1.0.3

Retail-ready settings hotfix rebuild

Build Scope

- Rebuilt GreyGreed Tank Tools 1.0.3 because the previous artifact was unavailable.
- Applied the Lua settings load fix requested after 1.0.2.
- Preserved 1.0.2 gameplay behavior and UI layout; this is a targeted Lua-error fix.

Root Cause

- GreyGreed_TankTools_Settings.lua called CreateGGTTSection from AddDiagnosticsSection before the local helper was available in scope.
- Lua local function declarations are not visible to earlier local functions unless predeclared or defined earlier.
- The resulting runtime error was: attempt to call a nil value in GreyGreed_TankTools_Settings.lua.

Fix Applied

- Added a forward local declaration for CreateGGTTSection before AddDiagnosticsSection.
- Changed the later helper definition to assign the predeclared local instead of creating a new hidden local function.
- Updated version strings from 1.0.2 to 1.0.3 across TOC files, runtime version setter, package files, changelog, and notice.

Validation Summary

- Version sync confirmed: 1.0.3.
- Retail TOC remains 120007.
- TOC path audit passed; all listed Lua, XML, and locale files exist.
- Settings helper forward-reference audit passed for CreateGGTTSection and known settings helper calls.
- No direct executable SetRaidTarget calls found.
- No UnitHealth or UnitPower arithmetic paths introduced.
- No direct SendChatMessage calls in the callout UI path.
- core.lua remains untouched at 60 local declarations.
- ZIP integrity passed for release and bundle archives.

Remaining Live-Test Items

- Open settings and scroll to Diagnostics to confirm the settings panel loads without Lua errors.
- Use Role Check Preview and Mark Tank Preview to confirm both diagnostic popups still open.
- Confirm compact tool panel, marker buttons, role check, callouts, and permission gating continue to behave as in 1.0.2.

Release Metadata

Field	Value
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Version	1.0.3
Retail Interface	120007
Author	Sashaielle - Steamwheedle Cartel
License	MIT
Package	GreyGreed_TankTools_1.0.3.zip