



LotFlux Release Notes

v1.1.3 — 2026-04-03

Phase 3 Testing — Pro Compatibility, New Features, Bug Fixes

Shortcodes & Params:

src/Shortcodes/ShortcodeManager.php — Deferred shortcode registration

to init hook; fixes Pro filter

timing at plugins_loaded priority 20

src/Constants/Shortcodes.php — Added PARAM_SHOW_SORT constant

src/Shortcodes/InventoryShortcode.php — Added show_sort param (default 1);

gates sort dropdown rendering

src/Shortcodes/LeadShortcode.php — Added wpkses_allowed_html expansion

for form elements (input, textarea,

select, label, form); fixes Divi and

other themes stripping lead form fields

via wpkses_post on shortcode output

Body Types:

src/Constants/BodyTypes.php — Added class_a, class_b, class_c as

standalone types; added park_model,

fish_house; motorhome remains umbrella

Admin — Layout & Hooks:

src/Admin/AdminPage.php — Added lf-admin-content-wrap div around

tabs + form for width alignment

src/Admin/Assets.php — Fixed CSS variable selector from



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.lf-inventory-wrap (non-existent) to

.lf-inventory (actual template class)

src/Admin/AdminHelper.php — Added allowedCardHtml() for Pro

button/SVG injection in card output

src/Admin/Settings/DisplaySettings.php — Added lotflux_display_settings_after

action hook for Pro settings sections

src/Admin/Settings/FieldSettings.php — Moved lotflux_field_config filter from

defaults() to end of getConfig() so

Pro filter runs after saved overrides;

getFilterOrder() now uses getConfig()

and appends new filterable fields

src/Admin/Settings/AppearanceSettings.php — Render methods now use
getColorFields()

(filterable) instead of hardcoded lists;

sanitize accepts Pro-added color keys;

getColors() includes Pro field defaults;

added hex text input next to color

picker with JS sync; added Save Colors

button per color group

Tools:

src/Admin/Tabs/ToolsPage.php — Added Purge Cache tool (clears all

LotFlux transients); added Remove

Inventory tool (scope: inactive, older

than N days, mock, all); Setup Wizard

button restyled to match other tools;



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AJAX buttons converted from `<button>`
to `<input type="button">` for consistent
sizing with WP admin

`src/Admin/Tabs/PerformanceTab.php` — Buttons changed to primary style

Vehicle CPT:

`src/PostTypes/Vehicle.php` — Added Featured star column in admin
vehicle list table with AJAX toggle;
click star to mark/unmark as featured

Templates:

`src/Templates/CardRenderer.php` — No-photo placeholder changed from
dashicon to LotFlux branded image
(`lotflux-logo-header.png`) with
"Photo Coming Soon" text

`templates/inventory-grid.php` — Removed `wpkses_post` on card output;
CardRenderer escapes internally

`templates/inventory-list.php` — Same fix as `inventory-grid.php`

Instructions:

`src/Admin/Partials/Instructions/`

`inventory-params.php` — Added `limit`, `show_sold`, `show_sort`,
`random`, `css_class` params

`vehicle-params.php` — Added `vehicle_id` param

Assets:



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assets/admin/lotflux-admin.css — Featured star column styling; color picker hex input styling; content width alignment with tabs

assets/admin/lotflux-admin.js — Featured star AJAX toggle handler; color picker ↔ hex input sync

assets/frontend/lotflux-frontend.css — No-photo placeholder styling with logo and text

v1.1.2 — 2026-04-02

Bug Fixes & Lead Form Architecture

src/Admin/Tabs/InstructionsTab.php — Added null-coalescing defaults (?? " / ?? []) for all section keys passed to renderShortcodeSection(); prevents TypeError when Pro or third-party filters add sections missing description or wrapper_id

src/Shortcodes/LeadShortcode.php — Added 'variant' shortcode attribute for Pro form variants (walkthrough, tradein); built associative field config registry and passed through lotflux_lead_fields filter with variant arg; variant-added fields auto-appended to form_fields list; field_config now passed to template



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templates/lead-form.php — Uses passed \$field_config instead of hardcoded array; renders select, date, and number field types for Pro variant fields; graceful fallback for missing placeholder/autocomplete

src/Templates/CardRenderer.php — Added colon separator after spec labels for readability (e.g. "Year: 2026", "Length: 16.0 ft")

assets/frontend/lotflux-frontend.css — Increased spec item gap to 6px 16px; added top padding on specs container; explicit list-style:none on individual spec items to override Divi; added margin-right on spec labels

v1.1.1 — 2026-03-29

Bug Fixes & Detail Page Improvements

src/Constants/BodyTypes.php — Added toVehicleTypes() method; maps BodyTypes slugs (motorhome, travel_trailer, etc.) to MarketCheck _lf_vehicle_type values (Class A, Class C, Travel Trailer, etc.) for correct body_type shortcode filtering

src/Shortcodes/InventoryShortcode.php — body_type param now uses BodyTypes::toVehicleTypes() to query



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`_lf_vehicle_type` meta instead of raw
normalized slugs; fixes `[lotflux_inventory
body_type="motorhome"]` returning no
results

`src/Constants/Settings.php` — Added `EMPTY_VALUE` constant ('N/A');
displayed on vehicle detail specs when
a field has no API data

`templates/vehicle-detail.php` — Spec grid now shows `Settings::EMPTY_VALUE`
for empty fields instead of blank labels;
adds `lf-specs-grid__value--empty` class
on placeholder values for distinct styling

`assets/frontend/lotflux-frontend.css` — Hardcoded spec grid colors (`#ffffff`,
`#f6f7f7`, `#1b1f25`, `#50575e`) to prevent
theme variable overrides causing invisible
text; added `.lf-specs-grid__value--empty`
modifier (italic, muted color)

v1.1.0 — 2026-03-28

Pro Extension Hooks — Pre-Pro Release

`src/Api/MarketCheckClient.php` — `getCacheTtl()` accepts `$type` parameter
(`'inventory' | 'vehicle'`); passed as
2nd argument to `lotflux_cache_ttl`
filter; Pro can set different TTLs
per request type



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templates/lead-form.php — lotflux_lead_form_hidden_fields action

hook fires after built-in hidden fields; passes \$vehicle_id; allows Pro/add-ons to inject custom hidden inputs (tracking, UTM, etc.)

src/Leads/LeadCapture.php — lotflux_lead_email_body filter applied

after buildEmailBody(); passes \$body and \$data array; Pro can customize or replace notification email HTML

v1.0.0 — 2026-03-28

Free Plugin Enhancements — Launch Release

Phase 1 — CSS Variable Infrastructure:

assets/frontend/lotflux-frontend.css — All hardcoded font-size declarations

migrated to CSS custom properties (--lf-font-size-*) with current values as var() fallbacks; zero visual change; variables grouped in :root alongside existing --lf-* color properties; Pro overrides via wp_add_inline_style()

assets/frontend/lotflux-frontend.css — Repaired truncated Click-to-Call section

from v0.9.0; restored responsive breakpoints (1024/768/480); added Social Share styles (.lf-share)



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Phase 2 — Body Type Filter at Free Tier:

src/Admin/Settings/FieldSettings.php — body_type field changed from filterable: false to filterable: true with FilterTypes::DROPDOWN; RV Class dropdown now renders in filter bar at all license tiers

Phase 3 — Visitor-Facing Sort Dropdown:

src/Templates/FilterRenderer.php — New renderSort() static method; renders sort <select> with 6 options (price asc/desc, year desc/asc, make asc, mileage asc); lotflux_sort_options filter hook for Pro extension; lf_sortby added to preserveQueryParams() for filter form persistence

src/Shortcodes/InventoryShortcode.php — Reads lf_sortby from \$_GET with validation (field_order pattern match); priority chain: URL > shortcode > admin default; passes sort_html and current_sort to templates

templates/inventory-grid.php — New .lf-inventory__header bar with results count + sort dropdown; sort state preserved in pagination links

templates/inventory-list.php — Same header bar and pagination sort preservation as grid template



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assets/frontend/lotflux-frontend.css — .lf-sort, .lf-sort__label,

.lf-sort__select styles;

.lf-inventory__header flex layout;

.lf-inventory__results-count;

responsive: label hidden + full-width

select on mobile

assets/frontend/lotflux-frontend.js — New initSort() module: auto-submit on

sort change via URL manipulation; resets

to page 1; injects lf_sortby as hidden

input in filter forms

New Hooks (Pro Extension Points):

lotflux_sort_options (filter) — Extend sort dropdown options; fires in

FilterRenderer::renderSort()

lotflux_detail_actions (filter) — Controls which action sections render on

detail page (lead_form, click_to_call,

social_share, back_to_search); fires in

vehicle-detail.php; passes \$post_id

lotflux_card_cta_text (filter) — Verified: already passes \$postId as 2nd

argument (CardRenderer.php); no change

needed

v0.9.0 — 2026-03-26

Demo-Based Enhancements — Free Plugin



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Constants:

src/Constants/Settings.php — 8 new constants: DEALER_NAME, DEALER_PHONE (General tab); CARD_CTA_ENABLED, CARD_CTA_TEXT, SHOW_SOLD, SOLD_BADGE_TEXT (Display tab — Card Options); SHOW_SOCIAL_SHARE, SHOW_CLICK_TO_CALL (Display tab — Detail Page Options)

src/Constants/Shortcodes.php — PARAM_SHOW_SOLD constant for [lotflux_inventory] shortcode param

src/Constants/BodyTypes.php — normalize() static method: maps slug variants (class_a, travel-trailer, Travel Trailer, etc.) to canonical constant values; case-insensitive, accepts underscores/dashes/spaces

Enhancement 1 — Dealer Info Section (General Settings):

src/Admin/Settings/GeneralSettings.php — New "Dealer Info" accordion section with Dealer Name (text) and Dealer Phone (tel input, placeholder hint); sanitize_phone() strips non-phone characters (allows digits, dashes, parens, spaces, plus); registered to GROUP_GENERAL

Enhancement 2 — Card CTA Button:



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src/Admin/Settings/DisplaySettings.php — New "Card Options" accordion section

with CARD_CTA_ENABLED (checkbox, default on) and CARD_CTA_TEXT (text, default "View Details"); new register_bool_setting() helper

src/Templates/CardRenderer.php — CTA button rendered after specs list

via ; suppressed on sold units; card link changed to flex column for bottom-aligned CTA; lotflux_card_cta_text filter hook (receives post ID)

assets/frontend/lotflux-frontend.css — .lf-card__link flex column layout,

.lf-card__body flex column with flex: 1, .lf-card__cta block button with margin-top: auto, primary bg, hover opacity

Enhancement 3 — Click-to-Call on Detail Page:

templates/vehicle-detail.php — tel: link with inline phone SVG icon

rendered in pricing section when SHOW_CLICK_TO_CALL enabled and DEALER_PHONE set; preg_replace strips non-digits for tel: href; lotflux_click_to_call_phone filter

assets/frontend/lotflux-frontend.css — .lf-detail__call inline-flex button

style with gap, primary bg, radius



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Enhancement 4 — Sold Badge for Inactive Units:

src/Admin/Settings/DisplaySettings.php — SHOW_SOLD (checkbox, default off)

and SOLD_BADGE_TEXT (text, default

"Sold") in Card Options section

src/Shortcodes/InventoryShortcode.php — meta_query includes 'inactive'

status when show_sold enabled; uses

IN comparison for status values

src/Templates/CardRenderer.php — Sold badge replaces condition badge

when status is inactive; .lf-card--sold

class added to card wrapper; CTA

suppressed on sold units

assets/frontend/lotflux-frontend.css — .lf-badge--sold (muted bg, white

text), .lf-card--sold .lf-card__photo

opacity 0.6

Enhancement 5 — Social Share Bar on Detail Page:

src/Admin/Settings/DisplaySettings.php — New "Detail Page Options" accordion

section with SHOW_SOCIAL_SHARE

(checkbox, default on) and

SHOW_CLICK_TO_CALL (checkbox, default on)

templates/vehicle-detail.php — Share bar rendered before lead form:

Facebook sharer, X/Twitter intent,

copy-to-clipboard button; inline SVG

icons (no icon library); gated by

SHOW_SOCIAL_SHARE setting and



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lotflux_social_share_enabled filter

assets/frontend/lotflux-frontend.js — initShareCopy(): clipboard write on

[data-copy-url] click, 2s success

state via lf-share__link--copied class

assets/frontend/lotflux-frontend.css — .lf-share flex bar with border-top,

.lf-share__link 32px circle buttons,

hover primary bg, --copied success bg

Enhancement 6 — Body Type Slug Normalization:

src/Constants/BodyTypes.php — normalize() wired (see Constants above)

src/Shortcodes/InventoryShortcode.php — body_type param values normalized

via BodyTypes::normalize() before

meta query; supports comma-separated

Enhancement 7 — FilterRenderer Fixes:

7a — Scroll-to-Anchor:

src/Templates/FilterRenderer.php — id="lf-filters" on wrapper div;

form action includes #lf-filters

fragment; Reset link appends

#lf-filters

7b — URL Param Sync + Case-Insensitive Pre-Selection:

src/Templates/FilterRenderer.php — render() now self-populates current

filter values directly from \$_GET

(with wp_unslash + sanitize) for each

filterable field, including _min/_max

range params; renderDropdown() uses



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strcasecmp() to normalize URL value
to exact DB case before selected()
check — fixes ?stock_type=New not
pre-selecting when DB stores "new";
option labels rendered via ucfirst()

src/Shortcodes/InventoryShortcode.php — \$current_filters built with wp_unslash
+ is_string guard; shortcode stock
param synced to stock_type filter key
with ucfirst normalization

7c — Filter Button Specificity:

assets/frontend/lotflux-frontend.css — .lf-filters__form .lf-filters__submit
selector (increased specificity);
added border-color: var(--lf-primary)

Enhancement 8 — Mobile Filter Drawer:

src/Templates/FilterRenderer.php — Toggle button before form: .lf-filters
__toggle with aria-expanded, aria-
controls, data-active-count; .lf-
filters__count badge span; form gets
id="lf-filters-form"

assets/frontend/lotflux-frontend.js — initFilterDrawer(): toggle click
handler sets aria-expanded, toggles
lf-filters__form--open class;
populates active count badge text

assets/frontend/lotflux-frontend.css — .lf-filters__toggle hidden on desktop;
@media 768px: toggle visible as full-



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width button, form display: none by default, --open shows block with column fields

Enhancement 9 — Appearance Defaults:

(No changes needed) — CSS variables already scoped to

.lf-inventory-wrap and .lf-vehicle-wrap
in Assets::add_css_variables(), not
:root; defaults confirmed as #c0392b

Enhancement 10 — Shortcode Params: show_sold, limit, random:

src/Constants/Shortcodes.php — PARAM_SHOW_SOLD, PARAM_LIMIT,
PARAM_RANDOM constants

src/Shortcodes/InventoryShortcode.php — show_sold param reads from SHOW_SOLD

admin setting, shortcode overrides;
limit param (empty default = no cap):
when set, caps posts_per_page to limit
value, locks paged=1, passes
suppress_pagination=true to template;
random param: when "1", sets WP_Query
orderby to 'rand', overrides sortby/
sortorder; limit wins over per_page

templates/inventory-grid.php — Pagination block wrapped in
empty(\$suppress_pagination) check

templates/inventory-list.php — Same pagination suppression guard



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New Filter Hooks:

lotflux_social_share_enabled — Suppress built-in social share bar
(return false)

lotflux_card_cta_text — Override CTA button text per-card
(receives post ID)

lotflux_click_to_call_phone — Override phone number per-context

v0.8.0 — 2026-03-22

Instructions Tab, Tools Expansion, Escaping Audit & Bug Fixes

Instructions Tab (New):

src/Admin/InstructionsRenderer.php — New stateless renderer ported from PetMatchPro pattern; renders parameter tables (div-based grid: Name/Values/Description), required/optional + PRO/PRF tier badges, dynamic field lists derived from FieldSettings::getConfig() with derive_filters/derive_sortable/derive_display tokens, best practices ordered lists, shortcode example blocks, badge legend footnote (rendered once after all sections, only when Pro fields with tier badges exist via hasProFields() check), customization subsections; tier badge logic uses integer \$tierMap comparison



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(decoupled from LicenseLevel)

src/Admin/Tabs/InstructionsTab.php — Tab orchestrator: loads param definition

files from Admin/Partials/Instructions/,

builds InstructionsRenderer with live

FieldSettings config, applies three

extensibility filters

(lotflux_instructions_sections,

lotflux_instructions_params_{shortcode},

lotflux_instructions_customization),

sorts sections by priority, renders

shortcode sections, conditional badge

legend, customization guide

src/Admin/Partials/Instructions/

inventory-params.php — [lotflux_inventory] param definitions:

layout, body_type, stock, columns,

per_page, sortby, sortorder, show_filters,

filter fields section header with

derive_filters; 4 best practices, 2

examples; uses Shortcodes::PARAM_* and

BodyTypes::all() constants

vehicle-params.php — [lotflux_vehicle] free params only:

show_lead_form, photo_layout; Pro params

(show_similar, similar_limit, css_class,

theme) injected via filter; 2 best

practices, 1 example

lead-params.php — [lotflux_lead] with 3 section headers



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(Field Control, Label Control, Layout):

vehicle_id, fields, required,

use_field_labels, label_submit,

label_message, layout; 3 best practices,

2 examples

customization.php — 5 customization subsections: Color

Customization (free), Field Label

Customization (free), Custom CSS (PRO),

Template Overrides (PRO), Analytics

Tracking (PRO); structured arrays with

heading/badge/intro/steps for

renderCustomizationSection()

assets/admin/lotflux-admin.css — Added ~200 lines instruction-specific

CSS: lf-instruction-section,

lf-instruction-heading,

lf-instruction-table (CSS grid 160px/1fr/

1fr), lf-instruction-table-heading/row/col,

lf-instruction-table-section-header,

lf-instruction-full-width, lf-badge-

required (red), lf-badge-optional (blue),

lf-badge-pro (gold pill), lf-badge-prf

(blue pill), lf-instruction-note,

lf-instruction-list, lf-instruction-

example, lf-instruction-shortcode (code

block), lf-instruction-legend,

lf-instruction-customization,



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lf-instruction-customization-block;
responsive stack at 782px

Tools Tab — API Diagnostics (New):

src/Admin/Tabs/ToolsPage.php — New accordion panel "API Diagnostics"

with Run Diagnostics button; AJAX handler

ajax_api_diagnostics() tests: API key

status (masked preview), Dealer ID,

live connectivity with response time (ms),

HTTP code, response size, JSON format

validation, listings found count, masked

test URL; cache transient count, synced

vehicle CPT count, last sync timestamp,

WordPress version, PHP version, object

cache status

assets/admin/lotflux-admin.js — Added initApiDiagnostics(): AJAX call

with spinner, builds formatted results

table with green checkmark / red X

indicators, formatBytes helper

Tools Tab — Export / Import Settings (New):

src/Admin/Tabs/ToolsPage.php — New accordion panel "Export / Import

Settings"; Export: checkbox per option

group (General, Display, Appearance, Lead

Forms, Fields) with Select All toggle,

JSON file download; strips API key and



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Dealer ID from export; Import: .json file
picker, merge/overwrite radio, file
preview (source site, date, groups),
plugin name validation; AJAX handlers
ajax_export_settings() and
ajax_import_settings() with nonce +
capability checks; collect_group_options()
helper maps option groups to their
individual wp_options keys

assets/admin/lotflux-admin.js — Added initExportImport(): Select All
toggle, AJAX export with Blob download,
FileReader preview on file select, AJAX
import with mode parameter; escHtml helper

src/Admin/Assets.php — Added toolsNonce to lotfluxAdmin
localized script data

assets/admin/lotflux-admin.css — Added tools CSS: lf-tools-actions,
lf-tools-output, lf-diag-table,
lf-diag-ok/err, lf-tools-section,
lf-tools-heading, lf-tools-checkboxes,
lf-tools-checkbox, lf-tools-divider,
lf-tools-import-controls/mode,
lf-tools-preview

Tools Tab — Accordion Ordering:

src/Admin/Tabs/ToolsPage.php — Reordered tool accordions alphabetically:
API Diagnostics, Export/Import Settings,



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Inventory Sync, Mock Inventory, Setup
Wizard, Template Overrides

Admin Tab Ordering:

src/Admin/AdminPage.php — Reordered DEFAULT_TABS and
getTranslatedTabs(): General, Appearance,
Display, Fields, Lead Forms, Instructions,
Analytics, Performance, Tools, Upgrade;
added 'instructions' with
dashicons-editor-help icon; added to
render_tab() match expression; added
InstructionsTab use import

WordPress.org Escaping Audit — Late Escaping:

src/Admin/Tabs/UpgradeTab.php — Line 108: \$stats['total_vehicles'] in
printf wrapped with (int) cast; lines
213-214: ternary HTML spans wrapped with
wp_kses_post(); renamed "Feature Details"
accordion to "Pro Details"

src/Admin/Settings/FieldSettings.php — Lines 349-351: fallback wrapped
with wp_kses_post()

templates/vehicle-detail.php — Line 74: loading attribute wrapped with
esc_attr(); line 91: class attribute
wrapped with esc_attr()

templates/lead-form.php — Lines 131, 141: required attribute
wrapped with esc_attr(); line 83: nonce



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output changed from phpcs:ignore to
wp_kses() with allowed input tags

src/Admin/AdminPage.php — Line 127: active tab class wrapped with
esc_attr()

src/Templates/CardRenderer.php — Line 78: removed phpcs:ignore, wrapped
renderSpecs() output with wp_kses_post()

src/Admin/Wizard/WizardSteps.php — Line 173: (int) \$i replaced with
esc_attr()/esc_html()

src/Admin/Wizard/SetupWizard.php — Lines 116, 159, 160: (int) \$num
replaced with esc_attr()/esc_html()

src/Admin/Tabs/ToolsPage.php — Line 159: printf with changed
to wp_kses() allowing strong tag

src/Admin/Tabs/InstructionsTab.php — Echo of renderer output uses
wp_kses_post() instead of phpcs:ignore

Bug Fix — Currency Symbol Corrupts Layout Settings:

src/Admin/Settings/DisplaySettings.php — Two separate <form> tags sharing
GROUP_DISPLAY caused partial POST to
reset missing fields to defaults;
consolidated into single <form> wrapping
both Layout and Formatting accordions
with one settings_fields() call and one
submit button

src/Admin/Settings/GeneralSettings.php — Same fix: consolidated API
Configuration and Search Defaults
accordions into single <form>



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src/Admin/Settings/AppearanceSettings.php — Same fix: consolidated Inventory

Colors and Vehicle Detail Colors
accordions into single <form>

Bug Fix — Appearance Colors Not Applied / Color Separation:

src/Admin/Assets.php — CSS variable injection was using scoped

names (--lf-inv-primary, etc.) that
frontend CSS never referenced; rewired to
override actual CSS variable names on
.lf-inventory-wrap and .lf-vehicle-wrap;
vehicle detail price now injects --lf-price
(dedicated variable) instead of overriding
--lf-primary, so price color no longer
bleeds into buttons, links, form focus,
and pagination on the detail page

assets/frontend/lotflux-frontend.css — Added --lf-price to :root (default

#16a34a); card prices (lf-card__price,
lf-compact-card__price) changed from
--lf-primary to --lf-accent so inventory
price text uses the Accent/Price color
setting; detail price (lf-detail__price)
changed to --lf-price (dedicated); buttons
(lf-filters__submit, lf-lead-form__submit),
badges (lf-badge--new), and pagination
(lf-pagination .current) changed from
hardcoded #fff to var(--lf-btn-text, #fff)



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src/Admin/Settings/AppearanceSettings.php — Inventory color labels renamed:

Primary → "Buttons & Badges", Accent →
"Price Text", Button Text stays; Vehicle
detail labels renamed: Hero Background →
"Photo Background", Price Highlight →
"Price Text", CTA Button → "Buttons &
Links"; added hint descriptions to each
color picker explaining which elements
it controls; renderColorRow() renders
hint as `<p class="description">` below
the color input

Cache TTL — Moved to Pro:

src/Admin/Tabs/PerformanceTab.php — Removed `register_settings()` (TTL option
registration), `renderTTLControls()`, and
`renderObjectCacheNotice()`; added
`do_action('lotflux_performance_panels')`
hook point for Pro injection

CLAUDE-PRO-BUILD.md — Added Step 15: Cache TTL Controls spec
for Pro plugin — settings registration,
accordion rendering via
`lotflux_performance_panels` hook, wiring
into `MarketCheckClient::getCacheTtl()`
via `lotflux_cache_ttl` filter with `$type`
parameter for per-request TTL



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Files Created (6):

- src/Admin/InstructionsRenderer.php
- src/Admin/Tabs/InstructionsTab.php
- src/Admin/Partials/Instructions/inventory-params.php
- src/Admin/Partials/Instructions/vehicle-params.php
- src/Admin/Partials/Instructions/lead-params.php
- src/Admin/Partials/Instructions/customization.php

Files Modified (17):

- src/Admin/AdminPage.php
- src/Admin/Assets.php
- src/Admin/Settings/DisplaySettings.php
- src/Admin/Settings/GeneralSettings.php
- src/Admin/Settings/AppearanceSettings.php
- src/Admin/Settings/FieldSettings.php
- src/Admin/Tabs/ToolsPage.php
- src/Admin/Tabs/UpgradeTab.php
- src/Admin/Tabs/PerformanceTab.php
- src/Admin/Tabs/InstructionsTab.php
- src/Admin/Wizard/WizardSteps.php
- src/Admin/Wizard/SetupWizard.php
- src/Templates/CardRenderer.php
- templates/vehicle-detail.php
- templates/lead-form.php
- assets/admin/lotflux-admin.css
- assets/admin/lotflux-admin.js



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assets/frontend/lotflux-frontend.css

CLAUDE-PRO-BUILD.md

v0.7.1 — 2026-03-21

Upgrade Marketing — Wizard Pro Step & Enhanced Upgrade Tab

Wizard — Go Pro Step:

src/Admin/Wizard/WizardSteps.php — Refactored getSteps() from static array to dynamic builder; added conditional "Go Pro" step before Done, hidden when Pro is active via lotflux_pro_active(); renderGoPro() shows 4 feature highlights (Featured Widget, Advanced Filters, Analytics, Faster Sync) with dashicons, pricing link, and skip reassurance; step numbering adjusts automatically (8 steps with Pro, 9 without)

Upgrade Tab — Full Rewrite:

src/Admin/Tabs/UpgradeTab.php — Replaced plain bullet list with 3 accordion sections:

- 1) "What You're Missing" — contextual stats from dealer's actual data (active vehicle count from wp_count_posts, lifetime impressions from lotflux_total_impressions option, featured widget pitch scaled to inventory size); 8 feature cards



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in responsive CSS grid with dashicons

2) "Free vs Pro Comparison" — 17-row check/dash table covering all free and Pro features

3) "Feature Details" — expanded descriptions for 5 highest-value Pro features (Featured Widget, Advanced Filters, Analytics, CRM Webhook, Faster Sync) with specific CRM examples and tier breakdowns

CSS:

`assets/admin/lotflux-admin.css` — Added wizard Go Pro styles (`lf-wiz-pro-features`, `lf-wiz-pro-feature` with icon + text flex layout); added upgrade tab styles: `lf-upgrade-context` block (stats with primary color accent border), `lf-upgrade-cards` grid (auto-fill 280px min, hover border), `lf-upgrade-compare` table (centered check/dash columns, Pro column tinted), `lf-upgrade-details` heading spacing, `lf-upgrade-cta` button margin; responsive rules for cards and context at 782px

Bug Fix — Vehicle Detail Spec Formatting:

`templates/vehicle-detail.php` — Mileage and length values in the specs grid were output raw without number formatting; added match expression to format mileage via `CardRenderer::formatNumber()` + "mi" suffix and length with "ft" suffix, consistent with



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inventory card rendering

Files Modified (4):

src/Admin/Wizard/WizardSteps.php

src/Admin/Tabs/UpgradeTab.php

assets/admin/lotflux-admin.css

templates/vehicle-detail.php

v0.7.0 — 2026-03-21

Free Plugin Cleanup for WordPress.org

Split LotFlux into free (lotflux) and pro (lotflux-pro) plugins. This release strips all license gating, removes Pro-only features, scopes down to free-tier functionality, and adds extension hooks for the upcoming LotFlux Pro add-on.

Phase A — Delete Pro-Only Files

Deleted Files (12):

- src/License/LicenseManager.php — License validation (→ Pro)
- src/Admin/Settings/LicenseSettings.php — License tab (→ Pro)
- src/Constants/LicenseLevel.php — Tier constants (→ Pro)
- src/Constants/AnalyticsEvents.php — Event constants (→ Pro)
- src/Analytics/AnalyticsDB.php — Custom analytics table (→ Pro)
- src/Analytics/AnalyticsTracker.php — Event tracking (→ Pro)
- src/Analytics/AnalyticsAjax.php — Client-side tracking endpoint (→ Pro)



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src/Admin/Tabs/AnalyticsTab.php — Full analytics dashboard (→ Pro)

src/Shortcodes/FeaturedShortcode.php — Featured widget (→ Pro)

templates/featured-carousel.php — Carousel template (→ Pro)

templates/featured-grid.php — Featured grid template (→ Pro)

templates/featured-compact.php — Compact template (→ Pro)

Deleted Directories:

src/License/ — Empty after LicenseManager removal

src/Analytics/ — Empty after analytics removal

Phase B — Clean References to Deleted Code

lotflux.php — Removed LicenseManager, LicenseSettings, AnalyticsTab, AnalyticsTracker, AnalyticsAjax boot calls; removed white-label branding gate; added do_action('lotflux_plugin_loaded'); bumped version to 0.7.0

src/Admin/AdminPage.php — Removed License and Analytics tabs from TABS constant;

removed LicenseSettings/AnalyticsTab use statements;
replaced hardcoded TABS with DEFAULT_TABS + apply_filters('lotflux_admin_tabs'); added getTranslatedTabs() for i18n;
added default match arm with do_action('lotflux_render_tab_');
added fire_settings_saved() on update_option for LF/lf/lotflux
prefixed options → do_action('lotflux_settings_saved')

src/Admin/Assets.php — Removed AnalyticsTracker/AnalyticsAjax imports and conditional analytics nonce; scoped CSS variables to free-tier colors only (3 inventory + 3 vehicle detail); refactored



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add_css_variables() from sprintf to loop with apply_filters

('lotflux_css_variables'); changed license nonce to admin nonce

src/Activator.php — Removed AnalyticsDB::createTable(), SyncScheduler::

ensureWebhookSecret(), LICENSE_LEVEL/ANALYTICS_ENABLED/

ANALYTICS_RETENTION defaults; removed LicenseLevel/AnalyticsDB

imports

src/Constants/Settings.php — Removed LICENSE_KEY, LICENSE_EMAIL,
LICENSE_LEVEL,

LICENSE_TYPE, ANALYTICS_ENABLED, ANALYTICS_RETENTION,

LEAD_CRM_WEBHOOK_URL, SIMILAR_PRICE_RANGE, LOCATIONS,

WHITE_LABEL; removed GROUP_LICENSE, GROUP_ANALYTICS

src/Constants/Shortcodes.php — Removed FEATURED shortcode name; removed
PARAM_LIMIT,

PARAM_SHOW_SIMILAR, PARAM_SIMILAR_LIMIT, PARAM_THEME;

removed FEATURED from all() helper

src/Api/MarketCheckClient.php — Removed LicenseLevel/LicenseManager imports;
replaced

tiered CACHE_TTL map with DEFAULT_CACHE_TTL (86400s) +

apply_filters('lotflux_cache_ttl'); removed shared API key

fallback in resolveApiKey()

src/Admin/Settings/GeneralSettings.php — Removed Multi-location & Branding section

(settings registration, render, getLocations(), sanitize_

locations(), render_locations(), render_white_label(),

render_multilocation_section())

src/Admin/Settings/DisplaySettings.php — Removed Similar Vehicles section (settings

registration, render, render_similar_price_range())



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src/Admin/Settings/AppearanceSettings.php — Scoped INVENTORY_DEFAULTS to 3 colors

(primary, accent, btn_text); scoped VEHICLE_DEFAULTS to 3 colors (hero_bg, price, cta); removed border, card_bg, spec_label, link; updated renderInventoryColors/renderVehicle Colors to match; added getColorFields() static method with apply_filters('lotflux_color_fields')

src/Admin/Wizard/WizardSteps.php — Removed License wizard step (was step 7); removed renderLicense() method; renumbered subsequent steps

src/Admin/Wizard/SetupWizard.php — Updated step number comments (8→7)

Phase C — Scope Down to Free Tier

src/Shortcodes/ShortcodeManager.php — Removed FeaturedShortcode registration; refactored to loop with apply_filters('lotflux_shortcodes')

src/Shortcodes/InventoryShortcode.php — Removed multi-location license check (LicenseManager/LicenseLevel imports); added apply_filters('lotflux_layouts', ['grid','list']); sanitized \$_GET['lf_page'] with absint(wp_unslash())

src/Shortcodes/VehicleShortcode.php — Removed show_similar, similar_limit, theme, css_class params and renderSimilar() method; renamed lotflux_vehicle_viewed to lotflux_detail_viewed; added apply_filters('lotflux_detail_html')

src/Shortcodes/LeadShortcode.php — Limited layouts to ['stacked'] via apply_filters('lotflux_lead_layouts'); added apply_filters('lotflux_lead_fields') on valid field keys

src/Templates/FilterRenderer.php — Removed renderLocationFilter() and GeneralSettings



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- import; added `apply_filters('lotflux_filter_fields')` and `apply_filters('lotflux_filter_order')` with reorder logic
- `src/Templates/CardRenderer.php` — Added `apply_filters('lotflux_card_html')` before existing `lotflux_card_rendered` action
- `src/Templates/TemplateEngine.php` — Removed `featured-carousel`, `featured-grid`, `featured-compact` from `TEMPLATE_SLUGS`; added `apply_filters('lotflux_template_path')` in `locate()`
- `templates/vehicle-detail.php` — Removed similar vehicles section and dark theme class logic; removed `$show_similar/$similar_html/$theme/$css_class` template vars; hardcoded wrapper to `'lf-detail lf-vehicle-wrap'`
- `src/Sync/SyncScheduler.php` — Replaced tiered schedule logic with `apply_filters('lotflux_sync_frequency', 'daily')`; removed `LicenseLevel/LicenseManager` imports; removed 6-hour custom schedule; removed webhook REST endpoint and HMAC validation; removed `WEBHOOK_SECRET` constant
- `src/Sync/InventorySync.php` — Added `apply_filters('lotflux_sync_args')` before `fetch`; added `do_action('lotflux_after_sync')` after stats
- `src/Leads/LeadCapture.php` — Removed `sendWebhook()` method and CRM webhook logic;
replaced `lotflux_lead_captured` action with `lotflux_lead_submitted (data + post_id)`; added `apply_filters('lotflux_lead_data')` before processing; cleaned docblock
- `src/Admin/Settings/FieldSettings.php` — Removed `LicenseLevel` import and `license_level` field from all entries; scoped filterable to 4 fields (`year/range`, `make/dropdown`, `price/range`, `stock_type/dropdown`);



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set filter_type to " on all display-only fields (model, body_type, mileage, length_ft, sleeps, slide_outs, fuel_type, color) to prevent checkbox in admin UI; removed dealer_id field (Preferred only); removed Tier column and render_tier_badge(); added apply_filters('lotflux_field_config')

Phase D — New Free-Plugin Features

New Files:

src/Admin/Tabs/UpgradeTab.php — Replaces License tab; lists Pro features (featured widget, advanced filters, CRM webhook, analytics, dark theme, faster sync, multi-location) with link to lotflux.com/pricing

src/Admin/Tabs/AnalyticsTab.php — Lightweight replacement: two wp_options counters

(lotflux_total_impressions, lotflux_total_detail_views); batched in-memory increments flushed on shutdown; hooks lotflux_card_rendered and lotflux_detail_viewed; admin tab shows lifetime totals with upgrade prompt when Pro inactive

lotflux.php — Added lotflux_pro_active() helper (checks LOTFLUX_PRO_VERSION constant + is_plugin_active); added lotflux_branding_enabled() helper with apply_filters('lotflux_branding_enabled'); registered AnalyticsTab boot call

src/Admin/AdminPage.php — Added AnalyticsTab and UpgradeTab to tab list and render_tab() match



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Phase E — WordPress.org Compliance Fixes

src/Admin/Tabs/PerformanceTab.php — Replaced 4 direct \$wpdb queries with \$wpdb->

prepare() + \$wpdb->esc_like(): renderCacheStatus() SELECT (2 queries), handle_purge() DELETE (2 queries)

templates/partials/pagination.php — Replaced unescaped paginate_links() echo with AdminHelper::echoPaginationHtml()

src/Admin/Wizard/SetupWizard.php — Replaced echo'd conditional style="display:none;"

attributes with <?php if (): ?> guards (2 occurrences)

src/Admin/AdminHelper.php — Added allowedPaginationHtml() allowlist (ul, li, a, span with href/class/aria-current); added echoPaginationHtml() helper

readme.txt — Rewrote for free-tier: removed License Server external service section; updated description to free features only; added Pro mention with lotflux.com/pricing; added FAQ for Pro version; bumped stable tag to 0.7.0; added 0.7.0 changelog

Extension Hooks Added (for LotFlux Pro compatibility):

Filters:

- lotflux_admin_tabs AdminPage.php — Pro adds License, Analytics tabs
- lotflux_css_variables Assets.php — Pro adds premium color vars
- lotflux_color_fields AppearanceSettings — Pro adds premium color pickers
- lotflux_field_config FieldSettings.php — Pro adds premium filter fields
- lotflux_shortcodes ShortcodeManager.php — Pro registers [lotflux_featured]
- lotflux_layouts InventoryShortcode — Pro adds carousel, compact
- lotflux_lead_layouts LeadShortcode.php — Pro adds inline, compact



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| | | |
|--------------------------|----------------------|--|
| lotflux_lead_fields | LeadShortcode.php | — Pro adds walkthrough/trade-in fields |
| lotflux_lead_data | LeadCapture.php | — Pro modifies lead data |
| lotflux_card_html | CardRenderer.php | — Pro modifies card output |
| lotflux_detail_html | VehicleShortcode.php | — Pro modifies detail output |
| lotflux_filter_fields | FilterRenderer.php | — Pro adds premium filters |
| lotflux_filter_order | FilterRenderer.php | — Pro enables reorder |
| lotflux_sync_frequency | SyncScheduler.php | — Pro upgrades to 6hr/webhook |
| lotflux_sync_args | InventorySync.php | — Pro enables delta sync |
| lotflux_template_path | TemplateEngine.php | — Pro enables theme overrides |
| lotflux_branding_enabled | lotflux.php | — Pro suppresses branding |
| lotflux_cache_ttl | MarketCheckClient | — Pro shortens cache for premium tiers |

Actions:

| | | |
|------------------------|----------------------|---------------------------------|
| lotflux_plugin_loaded | lotflux.php | — Pro bootstraps on this |
| lotflux_after_sync | InventorySync.php | — Pro cache/analytics hooks |
| lotflux_lead_submitted | LeadCapture.php | — Pro fires CRM webhook |
| lotflux_card_rendered | CardRenderer.php | — Pro tracks impressions |
| lotflux_detail_viewed | VehicleShortcode.php | — Pro tracks detail views |
| lotflux_settings_saved | AdminPage.php | — Pro reacts to setting changes |

Files Modified (28):

lotflux.php

readme.txt

src/Activator.php

src/Admin/AdminHelper.php

src/Admin/AdminPage.php



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src/Admin/Assets.php
src/Admin/Settings/AppearanceSettings.php
src/Admin/Settings/DisplaySettings.php
src/Admin/Settings/FieldSettings.php
src/Admin/Settings/GeneralSettings.php
src/Admin/Tabs/PerformanceTab.php
src/Admin/Wizard/SetupWizard.php
src/Admin/Wizard/WizardSteps.php
src/Api/MarketCheckClient.php
src/Constants/Settings.php
src/Constants/Shortcodes.php
src/Leads/LeadCapture.php
src/Shortcodes/InventoryShortcode.php
src/Shortcodes/LeadShortcode.php
src/Shortcodes/ShortcodeManager.php
src/Shortcodes/VehicleShortcode.php
src/Sync/InventorySync.php
src/Sync/SyncScheduler.php
src/Templates/CardRenderer.php
src/Templates/FilterRenderer.php
src/Templates/TemplateEngine.php
templates/partials/pagination.php
templates/vehicle-detail.php

Files Created (2):

src/Admin/Tabs/AnalyticsTab.php



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src/Admin/Tabs/UpgradeTab.php

Files Deleted (12):

src/License/LicenseManager.php

src/Admin/Settings/LicenseSettings.php

src/Admin/Tabs/AnalyticsTab.php (old version)

src/Constants/LicenseLevel.php

src/Constants/AnalyticsEvents.php

src/Analytics/AnalyticsDB.php

src/Analytics/AnalyticsTracker.php

src/Analytics/AnalyticsAjax.php

src/Shortcodes/FeaturedShortcode.php

templates/featured-carousel.php

templates/featured-grid.php

templates/featured-compact.php

v0.6.0 — 2026-03-21

Wizard Fix, API Test Connection & Frontend Escaping Fixes

Fix 1 — Wizard Reset & parseInt Bug

The setup wizard broke when re-entered: all progress dots showed green and content was blank. Two root causes fixed:

src/Admin/Wizard/SetupWizard.php — Wizard now unconditionally resets to



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step 1 on every page load; deletes

WIZARD_COMPLETE and resets WIZARD_STEP;

removed conditional reset logic

assets/admin/lotflux-admin.js — Fixed wp_localize_script string

coercion bug: currentStep and

totalSteps parsed with parseInt();

"1" + 1 = "11" was causing showStep(11)

which marked all 9 dots complete

Fix 2 — API Test Connection Button

New "Test Connection" button in both the wizard (step 2) and General settings tab to validate a MarketCheck API key before saving.

src/Api/MarketCheckClient.php — Added static testApiKey() method: makes a standalone 1-row API request with the provided key, no instantiation needed

src/Admin/Wizard/SetupWizard.php — Registered wp_ajax_lotflux_test_api_connection handler; added testApiNonce to lotfluxWizard localization; nonce: lotflux_test_api_nonce

src/Admin/Wizard/WizardSteps.php — Added Test Connection button + spinner + message span after API key input in step 2

src/Admin/Settings/GeneralSettings.php — Added Test Connection button + spinner + message span after API key input field

src/Admin/Assets.php — Added testApiNonce to lotfluxAdmin localization

assets/admin/lotflux-admin.js — Added initTestConnection() with shared



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testApiConnection() helper; delegated

click handlers for wizard (#lotflux-wiz-test-api)

and settings (#lotflux-settings-test-api)

assets/admin/lotflux-admin.css — Added .lotflux-test-connection styles

(flex layout, spinner positioning,

success/error colors via --lf-success/--lf-error)

Fix 3 — Wizard Step Improvements

src/Admin/Wizard/WizardSteps.php — Step 4: added Date Format dropdown

(M j, Y / F j, Y / m/d/Y / Y-m-d);

saveDisplaySettings() validates against

allowlist before saving to Settings::DATE_FORMAT

src/Admin/Wizard/WizardSteps.php — Step 6: added "Create Page" buttons next

to Inventory and Detail dropdowns; creates

published page with [lotflux_inventory] or

[lotflux_vehicle] shortcode pre-filled;

auto-selects created page in dropdown

src/Admin/Wizard/SetupWizard.php — Registered wp_ajax_lotflux_wizard_create_page

handler; creates page via wp_insert_post and

saves page ID to corresponding option

assets/admin/lotflux-admin.js — Added Create Page click handler; appends

new option to dropdown and auto-selects

assets/admin/lotflux-admin.css — Added .lotflux-wiz-create-page and

.lotflux-wiz-page-spinner styles

Fix 4 — Wizard Sync (Step 8) Was Broken



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The sync button posted to `wp_ajax_lotflux_manual_sync` which didn't exist — the actual handler was registered on `admin_post_` (form redirect, not AJAX).

`src/Admin/Wizard/SetupWizard.php` — Registered `wp_ajax_lotflux_wizard_sync` handler; calls `InventorySync::run()` directly; `set_time_limit(300)` for large inventories; returns stats as JSON

`assets/admin/lotflux-admin.js` — Changed AJAX action to `lotflux_wizard_sync` with wizard nonce; uses `$.ajax` with 5-minute timeout; shows sync stats (Added/Updated/Deactivated) on success; progress bar fills and pulses during sync

`assets/admin/lotflux-admin.css` — Added `lf-progress-pulse` keyframe animation for indeterminate progress indication

Fix 5 — Wizard AJAX Error Handling

`assets/admin/lotflux-admin.js` — Added `.fail()` handlers to all 3 wizard AJAX calls: `saveAndAdvance` (alert on failure), `skip button` (alert on failure), `sync button` (error message + re-enable)

Fix 6 — Frontend Escaping: `wp_kses_post` Stripping Form Elements

`wp_kses_post()` strips `<select>`, `<option>`, `<input>`, `<form>`, `<textarea>`, and `<button>` tags. This broke inventory filters (dropdowns/inputs invisible) and the lead form on vehicle detail (only message label visible).



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src/Admin/AdminHelper.php — Extended allowedFormHtml() allowlist:

added form (method, action, novalidate),

a (href, class), button, div, h2, span

tags; added required attribute to input

and textarea; added data-lf-lead-form,

data-lf-lead-spinner, data-lf-lead-message

attributes for lead form JS hooks

templates/inventory-grid.php — Replaced wp_kses_post(\$filters_html)

with wp_kses using AdminHelper::allowedFormHtml()

templates/inventory-list.php — Same wp_kses replacement

templates/partials/filter-bar.php — Same wp_kses replacement

templates/vehicle-detail.php — Replaced wp_kses_post(\$lead_form_html)

with wp_kses using AdminHelper::allowedFormHtml()

Other:

lotflux.php — Bumped LOTFLUX_VERSION to 0.6.0

Files Modified (14):

src/Api/MarketCheckClient.php

src/Admin/Wizard/SetupWizard.php

src/Admin/Wizard/WizardSteps.php

src/Admin/Settings/GeneralSettings.php

src/Admin/AdminHelper.php

src/Admin/Assets.php

src/Templates/FilterRenderer.php

assets/admin/lotflux-admin.js



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assets/admin/lotflux-admin.css

templates/inventory-grid.php

templates/inventory-list.php

templates/partials/filter-bar.php

templates/vehicle-detail.php

lotflux.php

v0.5.0 — 2026-03-20

WordPress.org Plugin Review Fixes

Addresses all 11 categories flagged by the WordPress.org review team.

Grouped into 5 waves: license gating removal, custom CSS/JS removal, inline script/style fixes, sanitization & prefix fixes, escaping & readme.

Wave 1 — Remove License Gating (Trialware) [Guideline 5]

All local features are now fully functional at every license tier.

License system retained for serviceware only (sync frequency, API tier).

Deleted Files:

src/Admin/LicenseGate.php — Entire gating enforcement layer removed

src/Admin/OptionLevels/GeneralOptionLevels.php — Setting-to-tier map removed

src/Admin/OptionLevels/FieldOptionLevels.php — Field-to-tier map removed

src/Constants/LevelPrefix.php — Level prefix constants removed



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Modified Files:

src/Admin/Settings/GeneralSettings.php — Removed 7× LicenseGate::wrap() → wp_kses_post();

removed LicenseManager::getLevel() guard on multi-location section — always registered and rendered;

removed LicenseGate/LicenseManager/LicenseLevel imports

src/Admin/Settings/DisplaySettings.php — Removed 8× LicenseGate::wrap() → wp_kses_post();

removed LicenseGate import

src/Admin/Settings/LeadSettings.php — Removed 2× LicenseGate::wrap() → wp_kses_post();

removed LicenseGate import

src/Admin/Settings/FieldSettings.php — Removed LicenseGate::isFieldAllowed() check — all fields

always enabled; removed disabled attributes from inputs;

removed LicenseGate::isAllowed() on filter order section;

removed getUpgradeNotice() call; removed lotflux-sortable-disabled class; removed LicenseGate import

src/Admin/Settings/AppearanceSettings.php — Removed \$level checks from color picker rows — all inputs

enabled; removed getUpgradeNotice() calls; removed lotflux-gated class from color rows; removed LicenseGate/LicenseManager/LicenseLevel imports

src/Admin/Settings/LicenseSettings.php — Removed unused LicenseGate import

src/Admin/Tabs/AnalyticsTab.php — Removed level gate on entire render() — tab always renders;

removed renderGateNotice() method; removed level guard on Advanced Analytics section — always visible;



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removed LicenseLevel/LicenseManager imports

src/Admin/Tabs/PerformanceTab.php — Removed level gate on Cache TTL section — always visible;

removed LicenseGate/LicenseLevel/LicenseManager imports

src/Templates/FilterRenderer.php — Removed LicenseGate::isFieldAllowed() check — all filterable

fields render; removed LicenseManager::getLevel() guard on

location filter — renders whenever 2+ locations configured;

removed LicenseGate/LicenseLevel/LicenseManager imports

src/Templates/TemplateEngine.php — Removed level guard on theme overrides — always resolved;

removed level guard in buildOverrideEntry();

removed LicenseLevel/LicenseManager imports

src/Leads/LeadCapture.php — Removed level guard on CRM webhook — always fires if URL

configured; removed LicenseLevel/LicenseManager imports

src/Analytics/AnalyticsTracker.php — isEnabled() now checks only Settings::ANALYTICS_ENABLED,

no longer requires Premium license;

removed LicenseLevel/LicenseManager imports

lotflux.php — Removed level guard on white-label branding — works if

option is checked regardless of tier

Wave 2 — Remove Custom CSS/JS + Fix Inline Script/Style Tags

2A: Remove Custom CSS/JS (Arbitrary Script Insertion):

src/Admin/Settings/AppearanceSettings.php — Removed register_setting() for CUSTOM_CSS/CUSTOM_JS;



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removed renderCustomCssJs() method; removed sanitize_css() and sanitize_js() methods; removed entire Custom CSS & JS accordion section

src/Admin/Assets.php — Removed output_custom_css() and output_custom_js() methods;

removed their wp_head/wp_footer action hooks; moved theme CSS/JS file override enqueues into enqueue_frontend()

src/Constants/Settings.php — Removed CUSTOM_CSS and CUSTOM_JS constants

2B: Fix Inline Script/Style Tags (wp_enqueue):

src/Admin/Assets.php — Replaced raw <style> echo in output_css_variables() with

wp_add_inline_style('lotflux-frontend', \$css) in enqueue_frontend(); complete rewrite of Assets class

src/Admin/Tabs/AnalyticsTab.php — Replaced raw <script> tag for chart data with wp_add_inline_script('lotflux-admin', \$js)

src/Admin/Settings/GeneralSettings.php — Moved inline lotfluxAddLocation() function to

lotflux-admin.js; pass dynamic data via wp_localize_script() as lotfluxLocations object

assets/admin/lotflux-admin.js — Added global lotfluxAddLocation() function using localized lotfluxLocations data

Wave 3 — Ajax URL, CDN, Sanitization, Prefix

3A: Hardcoded Ajax URL:



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assets/frontend/lotflux-frontend.js — Removed fallback URL detection in
getLotfluxAjaxUrl();

returns localized ajaxUrl or empty string with console warning

3B: Local SortableJS:

assets/admin/vendor/Sortable.min.js — Downloaded SortableJS 1.15.6 locally (45 KB)

src/Admin/Assets.php — Changed CDN URL to local

LOTFLUX_URL . 'assets/admin/vendor/Sortable.min.js'

3C: Sanitization:

src/Templates/CardRenderer.php — Sanitized \$_GET via
array_map('sanitize_text_field',

wp_unslash(\$_GET)) before add_query_arg()

src/Admin/Wizard/SetupWizard.php — Sanitized \$_POST['data'] array via
map_deep(\$raw,

'sanitize_text_field') before passing to WizardSteps::saveStep()

3D: Short Prefix lf_ → lotflux_ (transients, ajax actions, options):

src/Analytics/AnalyticsAjax.php — wp_ajax_lf_track → wp_ajax_lotflux_track (both
hooks)

src/Analytics/AnalyticsAjax.php — lf_evt_transient prefix → lotflux_evt_

src/Analytics/AnalyticsTracker.php — lf_evt_transient prefix → lotflux_evt_

src/Api/MarketCheckClient.php — lf_inv_transient prefix → lotflux_inv_

src/Api/MarketCheckClient.php — lf_veh_transient prefix → lotflux_veh_

src/Sync/SyncScheduler.php — lf_webhook_secret option →
lotflux_webhook_secret

src/Admin/Tabs/AnalyticsTab.php — lf_analytics_export action →
lotflux_analytics_export



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src/Admin/Tabs/PerformanceTab.php — _transient_lf_% SQL patterns →
_transient_lotflux_%

(both transient and timeout queries)

assets/frontend/lotflux-frontend.js — action: 'lf_track' → 'lotflux_track'

Wave 4 — i18n, Escaping, readme.txt

4A: Internationalization:

src/Admin/AdminPage.php — esc_html__(\$tab['label'], 'lotflux') →
esc_html(\$tab['label'])

(tab labels are hardcoded strings in TABS constant — variable
cannot be extracted by gettext)

4B: Escaping — replaced phpcs:ignore with wp_kses_post():

templates/inventory-list.php — \$filters_html, CardRenderer::render(),
paginate_links()

templates/inventory-grid.php — \$filters_html, CardRenderer::render(),
paginate_links()

templates/partials/card.php — CardRenderer::render()

templates/partials/filter-bar.php — \$filters_html

templates/featured-carousel.php — CardRenderer::render()

templates/featured-grid.php — CardRenderer::render()

templates/vehicle-detail.php — \$lead_form_html, \$similar_html

4C: readme.txt:

readme.txt — Requires at least: 6.0 → 6.4; added External Services
section (MarketCheck API + LotFlux License Server) with



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service URLs, data sent, and links to Terms/Privacy;
removed LicenseGate from changelog

Wave 5 — CSS Cleanup

assets/admin/lotflux-admin.css — Removed orphaned styles: .lotflux-upgrade-notice,

.lotflux-gated, .lotflux-gated-field, .lotflux-field-gated,
.lotflux-sortable-disabled; kept .lotflux-tier-badge
(still used by FieldSettings + LicenseSettings)

assets/admin/lotflux-admin.js — Removed lotflux-sortable-disabled class check in
initFilterSortable()

Verification (all zero hits):

- LicenseGate:: in src/ ✓
- LevelPrefix:: in src/ ✓
- GeneralOptionLevels / FieldOptionLevels ✓
- cdn.jsdelivr.net anywhere ✓
- CUSTOM_CSS / CUSTOM_JS / sanitize_js ✓
- Raw <style> or <script> tags in src/ PHP ✓
- lf_track / lf_evt_ / lf_inv_ / lf_veh_ ✓
- lf_webhook_secret / lf_analytics_export ✓
- phpcs:ignore in templates/ (except nonce) ✓

v0.4.0 — 2026-03-09



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Phase 4: Analytics, Appearance, Wizard, Admin UI Modernization

New Files:

src/Constants/AnalyticsEvents.php — Event type constants (IMPRESSION, DETAIL_VIEW, LEAD_CLICK, LEAD_SUBMIT) and source attribution constants (SOURCE_SEARCH, SOURCE_FEATURED, SOURCE_DIRECT, SOURCE_EXTERNAL)

src/Analytics/AnalyticsDB.php — Custom lf_analytics table with dbDelta(); CRUD methods:

recordEvent(), getImpressions(), getDetailViews(), getCTR(),
getTopUnits(), getSourceBreakdown(), getDailyTrend(),
getStaleListings(), getLeadEvents(), pruneOldEvents()

src/Analytics/AnalyticsTracker.php — Server-side hooks for impression/detail_view/lead_submit events;

rate limiting via transients; SHA-256 IP+UA+date session hashing;
source detection from lf_src param or HTTP_REFERER; daily prune

cron

src/Analytics/AnalyticsAjax.php — AJAX endpoint (wp_ajax_lf_track / wp_ajax_nopriv_lf_track)

for client-side lead_click tracking; hourly rate limit

src/Admin/Settings/AppearanceSettings.php — Two-group color system (inventory + vehicle detail);

custom CSS/JS textareas (Premium+); hex color sanitization;

Reset to Defaults buttons; theme file override detection

src/Admin/Wizard/SetupWizard.php — Hidden admin page (lotflux-setup); auto-redirect on first

activation via transient; 9-step AJAX wizard; re-accessible



LotFlux Release Notes

from Tools tab

src/Admin/Wizard/WizardSteps.php — Step renderers (Welcome, API, Sync, Display, Lead Form,

Pages, License, First Sync, Done) and per-step data savers

templates/partials/card.php — Card partial delegating to CardRenderer::render()

templates/partials/pagination.php — Pagination partial with paginate_links()

templates/partials/filter-bar.php — Filter bar partial

emails/lead-notification.php — HTML email template for dealer lead notifications

Modified Files:

src/Constants/Settings.php — Added 10 new constants: ANALYTICS_ENABLED, ANALYTICS_RETENTION,

CACHE_TTL_INVENTORY, CACHE_TTL_VEHICLE, APPEARANCE, CUSTOM_CSS,

CUSTOM_JS, LOCATIONS, WHITE_LABEL, WIZARD_COMPLETE, WIZARD_STEP;

added 2 option groups: GROUP_ANALYTICS, GROUP_APPEARANCE

src/Activator.php — Added AnalyticsDB::createTable() call; seeded analytics/wizard

defaults; added activation redirect transient for wizard

lotflux.php — Bumped to v0.4.0; boots AppearanceSettings, SetupWizard, AnalyticsTab, PerformanceTab, AnalyticsTracker, AnalyticsAjax; added white-label gate on admin_footer_text

src/Admin/AdminPage.php — Added Appearance tab to TABS array; replaced old nav-tab HTML

with PMP-style lf-admin wrapper, lf-admin-tabs nav with dashicon tab icons, lf-admin-tab / lf-admin-tab-active classes, lf-admin-form content container



LotFlux Release Notes

src/Admin/Assets.php — Added CSS variable output via wp_head (scoped to .lf-inventory-wrap / .lf-vehicle-wrap); custom CSS/JS output (Premium+); theme file auto-enqueue; analytics nonce in frontend localized data

src/Admin/Settings/GeneralSettings.php — Added multi-location repeating field group (name + dealer_id, stored as JSON in Settings::LOCATIONS); white-label toggle checkbox (Preferred gated); added getLocations() static method; refactored render() to accordion group layout with per-section save buttons

src/Admin/Settings/DisplaySettings.php — Refactored render() to 3 accordion groups (Layout, Formatting, Similar Vehicles) with per-section save buttons

src/Admin/Settings/LicenseSettings.php — Refactored render() to accordion groups (License Activation, Dev Override); dev override content extracted to separate method

src/Admin/Settings/LeadSettings.php — Refactored render() to accordion group with per-section save button

src/Admin/Settings/FieldSettings.php — Refactored render() to accordion group wrapping field config table and filter order section

src/Admin/Settings/AppearanceSettings.php — Refactored render() to 3 accordion groups (Inventory Colors, Vehicle Detail Colors, Custom CSS & JS); removed inline h2 headings (accordion buttons serve as headings)

src/Admin/Tabs/ToolsPage.php — Replaced card-based layout with accordion groups (Inventory Sync,



LotFlux Release Notes

Setup Wizard, Template Overrides, Mock Inventory); added Setup Wizard launcher link; added template overrides diagnostic table via `TemplateEngine::getOverrideStatus()`; replaced inline color styles with `lf-status-overridden` / `lf-status-default` classes

`src/Admin/Tabs/AnalyticsTab.php` — Rewritten from stub to full dashboard: settings form

(enable/retention), date selector (7/30/90), summary row (4 KPIs), top units table, stale listings, source attribution (Preferred), engagement trend canvas chart (Preferred), CSV export (Preferred); wrapped in accordion groups (Analytics Settings, Dashboard, Advanced Analytics)

`src/Admin/Tabs/PerformanceTab.php` — Rewritten from stub: cache status (transient count + list),

purge all caches button, host detection (LiteSpeed/WP Engine), sync log table, force full sync, cache TTL controls (Premium+), object cache detection (Premium+); wrapped in accordion groups (Cache Status, Sync Log, Cache TTL); removed card wrappers

`src/Templates/TemplateEngine.php` — Full rewrite: `locate($slug, $type)` supporting templates,

partials, emails; added `partial()` method; added `getOverrideStatus()` for diagnostics; theme overrides gated to Premium+ only

`src/Templates/CardRenderer.php` — Added `do_action('lotflux_card_rendered', $post->ID)` hook

`src/Templates/FilterRenderer.php` — Added location dropdown filter (Preferred + 2+ locations);

added `renderLocationFilter()` method

`src/Shortcodes/InventoryShortcode.php` — Added multi-location `dealer_id` meta query injection when



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Preferred + 2+ locations + URL filter

src/Shortcodes/VehicleShortcode.php — Added do_action('lotflux_vehicle_viewed', \$post->ID) hook

src/Leads/LeadCapture.php — Fixed LicenseManager::getInstance()->getLevel() to LicenseManager::getLevel(); updated buildEmailBody() to use email template via TemplateEngine with fallback

assets/admin/lotflux-admin.css — Full rewrite with PMP-style design system: CSS variables

(--lf-* prefix), lf-admin wrapper, lf-admin-tabs/lf-admin-tab navigation with top-border active state, lf-admin-form container, lf-admin-accordion/lf-admin-panel components with chevron rotation, lf-admin-accordion-controls expand/collapse all, per-panel save buttons (lf-accordion-submit), lf-status-overridden/lf-status-default labels; retained all existing component styles updated to use CSS variables; responsive section for mobile

assets/admin/lotflux-admin.js — Added initAccordions() with accordion toggle click handler and

expand/collapse all functionality; wizard JS navigation (step show/hide, save/skip/prev, sync button); canvas chart rendering function (window.lotfluxRenderChart); color reset function (window.lotfluxResetColors)

assets/frontend/lotflux-frontend.js — Added initAnalytics() module for lead_click AJAX tracking

on lead form focusin event

assets/frontend/lotflux-frontend.css — Updated frontend styles



LotFlux Release Notes

Database:

New table: {prefix}lf_analytics (post_id, event_type, source, session_hash, created_at)

— Created via dbDelta() on plugin activation

v0.3.1 — 2026-03-08

Beta Bug Fixes & Enhancements

Modified Files:

src/Constants/Settings.php — Removed LABEL_* constants (moved to FieldSettings registry);

added SIMILAR_PRICE_RANGE constant

src/Admin/OptionLevels/GeneralOptionLevels.php — Removed LABEL_* level entries; added SIMILAR_PRICE_RANGE

src/Admin/Settings/DisplaySettings.php — Removed Display Labels section (labels now owned by FieldSettings);

added Similar Vehicles section with Price Range (+/-)% field

src/Activator.php — Removed LABEL_* default option seeding

src/Templates/CardRenderer.php — Fixed detail URL to use detail page + ?lf_vin=query arg instead

of CPT permalink; added formatNumber() helper; mileage formatted with number format setting + "mi" unit; length appended with "ft"

src/Leads/LeadCapture.php — Fixed fatal: LicenseManager::getLevel() corrected to LicenseManager::getInstance()->getLevel()

src/Shortcodes/VehicleShortcode.php — Added price proximity filter to similar vehicles query;

range driven by SIMILAR_PRICE_RANGE setting (default 30%);



LotFlux Release Notes

added Settings use statement

templates/inventory-grid.php — Fixed pagination: paginate_links now uses
add_query_arg lf_page

base URL to match InventoryShortcode \$_GET['lf_page'] read

templates/inventory-list.php — Same pagination fix as inventory-grid.php

templates/vehicle-detail.php — Mileage formatted with number format setting +
"mi";

length appended with "ft"

CLAUDE.md — Added V2 wiring note: FieldSettings::defaults/getConfig/
getFilterOrder hardcoded MethodTypes::RV and do not read
Settings::DEFAULT_METHOD_TYPE from wp_options

Database:

DELETE FROM wp_options WHERE option_name LIKE 'lf_label_%';

— 7 stale label option rows removed after Settings.php cleanup

v0.3.0 — 2026-03-08

Phase 3: Beta-Ready Inventory Plugin

New Files:

src/Constants/Shortcodes.php — Shortcode name + 22 PARAM_* constants

src/Constants/FilterTypes.php — DROPDOWN, RANGE, CHECKBOX filter type
constants

src/Admin/OptionLevels/FieldOptionLevels.php — License level map for field config
settings



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- `src/Admin/Settings/FieldSettings.php` — 16-field RV registry, display/filter/sort config, admin UI
- `src/Sync/InventorySync.php` — Full sync engine: paginated fetch, VIN-keyed upsert, deactivation
- `src/Sync/SyncScheduler.php` — WP-Cron scheduling + REST webhook with HMAC-SHA256 auth
- `src/Templates/TemplateEngine.php` — Template locator (child theme → parent theme → plugin)
- `src/Templates/CardRenderer.php` — Inventory card renderer with specs, badges, price formatting
- `src/Templates/FilterRenderer.php` — Filter bar renderer (dropdown, range, checkbox types)
- `src/Shortcodes/ShortcodeManager.php` — Registers all 4 shortcodes via `Shortcodes::*` constants
- `src/Shortcodes/InventoryShortcode.php` — `[lotflux_inventory]` with `WP_Query`, filters, pagination
- `src/Shortcodes/FeaturedShortcode.php` — `[lotflux_featured]` queries `_lf_featured=1` vehicles
- `src/Shortcodes/VehicleShortcode.php` — `[lotflux_vehicle]` with 3-way resolution, similar vehicles
- `src/Shortcodes/LeadShortcode.php` — `[lotflux_lead]` configurable form with field/label control
- `src/Leads/LeadCapture.php` — AJAX lead handler, email notification, CRM webhook (Premium)
- `templates/inventory-grid.php` — Grid layout with filter bar + pagination
- `templates/inventory-list.php` — List layout with filter bar + pagination
- `templates/featured-carousel.php` — CSS carousel with prev/next, dots, touch swipe
- `templates/featured-grid.php` — Standard grid layout for featured vehicles
- `templates/featured-compact.php` — Condensed sidebar-friendly featured cards



LotFlux Release Notes

templates/vehicle-detail.php — Full detail page: photos, specs, pricing, lead form, similar

templates/lead-form.php — Configurable lead form (stacked/inline/compact layouts)

assets/frontend/lotflux-frontend.css — Complete frontend stylesheet with responsive breakpoints

assets/frontend/lotflux-frontend.js — Carousel, photo gallery, lead form AJAX, filter auto-submit

Modified Files:

src/Constants/MetaKeys.php — Added FEATURED constant + 20 new meta keys from API mapping

src/Constants/Settings.php — Added FIELD_CONFIG, FILTER_ORDER, GROUP_FIELDS, LEAD_CRM_WEBHOOK_URL

src/PostTypes/Vehicle.php — Added MetaKeys::FEATURED to \$bool_keys registration

src/Api/PartnerInterface.php — Added getPartnerSlug(), improved return types

src/Api/MarketCheckClient.php — Full rewrite: correct base URL, RV endpoints, transient caching

src/License/LicenseManager.php — Dev license override (LF_DEV_LICENSE), forced level support

src/Admin/AdminPage.php — Added Fields tab registration

src/Admin/Assets.php — Frontend CSS/JS enqueue on shortcode pages, localized AJAX URL

src/Admin/LicenseGate.php — Merged FieldOptionLevels, added isFieldAllowed() method

src/Admin/Settings/LicenseSettings.php — Dev override dropdown (Force Level) when LF_DEV_LICENSE defined

src/Admin/Tabs/ToolsPage.php — Inventory Sync card with Run Sync Now button + stats



LotFlux Release Notes

- src/Activator.php — Webhook secret generation on activation
- lotflux.php — Boot wiring for FieldSettings, InventorySync, SyncScheduler, ShortcodeManager, LeadCapture
- assets/admin/lotflux-admin.css — Field config table, sortable list, dev override styles
- assets/admin/lotflux-admin.js — SortableJS filter reorder initialization

v0.2.0 — 2026-03-07

Phase 2: Admin Foundation

New Files:

- src/Constants/LicenseLevel.php — License tier constants (PREFERRED=1, PREMIUM=2, FREE=3)
- src/Constants/MethodTypes.php — Primary axis constants (rv, boat) with labels
- src/Constants/BodyTypes.php — RV body type constants (7 types) with labels
- src/Constants/LevelPrefix.php — Prefix constant for license-level map keys
- src/Constants/Settings.php — All wp_options key constants (30+ keys)
- src/License/LicenseManager.php — AJAX license activate/deactivate, server communication
- src/Admin/AdminPage.php — Top-level menu registrar, 7-tab navigation renderer
- src/Admin/Assets.php — Screen-scoped admin CSS/JS enqueue
- src/Admin/LicenseGate.php — Field-level feature gating by license tier
- src/Admin/OptionLevels/GeneralOptionLevels.php — Setting-to-tier requirement map
- src/Admin/Settings/GeneralSettings.php — API config, search defaults tab
- src/Admin/Settings/DisplaySettings.php — Layout, formatting, display labels tab
- src/Admin/Settings/LicenseSettings.php — License activate/deactivate widget tab



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- src/Admin/Settings/LeadSettings.php — Lead form email configuration tab
- src/Admin/Tabs/ToolsPage.php — Refactored from Phase 1 to tab renderer only
- src/Admin/Tabs/AnalyticsTab.php — Stub for Phase 4
- src/Admin/Tabs/PerformanceTab.php — Stub for Phase 4
- src/Api/PartnerInterface.php — Contract for inventory API partner clients
- src/Api/MarketCheckClient.php — MarketCheck client (real validateCredentials, stub inventory)
- src/Api/ApiManager.php — Routes to correct partner client by setting
- src/Activator.php — Default option seeding on plugin activation
- assets/admin/lotflux-admin.css — Admin styles: tabs, badges, gating, license widget
- assets/admin/lotflux-admin.js — License activate/deactivate AJAX handling

Modified Files:

- lotflux.php — Bumped to v0.2.0, added activation hook, full boot wiring
- readme.txt — Bumped stable tag to 0.2.0, added changelog entry

Preserved (not modified):

- src/Admin/ToolsPage.php — Phase 1 original kept per spec (dead code, not deleted)
- src/Constants/MetaKeys.php — Phase 1 CPT meta keys
- src/PostTypes/Vehicle.php — Phase 1 CPT registration
- src/Seed/MockInventorySeeder.php — Phase 1 mock data seeder
- data/mock-inventory.json — Phase 1 mock inventory data

v0.1.0 — 2026-03-07



LotFlux Release Notes

Phase 1: Initial Release

New Files:

- lotflux.php — Plugin bootstrap, autoloader, initial boot
- readme.txt — WordPress.org readme with plugin description
- CLAUDE.md — Project reference and coding standards
- src/Admin/ToolsPage.php — Admin menu and Tools page with mock data seeder
- src/Constants/MetaKeys.php — CPT meta key constants for lotflux_vehicle
- src/PostTypes/Vehicle.php — lotflux_vehicle CPT and meta registration
- src/Seed/MockInventorySeeder.php — Mock inventory data seeder for development
- data/mock-inventory.json — 18 realistic RV units for mock data