

Turn Grey/Turn Black drawing utilities

CAD-044 / REV A / 2026.09.01

Apply a controlled display/plot color change to a selected drawing scope. Work on a copy first. Record application version, units and active document/configuration. Names below identify the catalogued workflow; they do not claim a particular button layout or verified implementation.

STATUS	Recovered/Partial
CLASSIFICATION	CAD
MATERIAL	CAD / AUTOMATION
DISPOSITION	PUBLIC / RECOVERED/PARTIAL
CATEGORY	CAD / Scanning / Automation
RECORD TYPE	how-to

TECHNICAL NOTES

Apply a controlled display/plot color change to a selected drawing scope.

GOAL

Run the first test described in this guide and record the result for turn grey/turn black drawing utilities.

SOURCE STATE

Operational reference/specification; original rule or add-in source not inspected

PREPARATION / NOTES

Work on a copy first. Record application version, units and active document/configuration. Names below identify the catalogued workflow; they do not claim a particular button layout or verified implementation.

EQUIPMENT

- CAD / automation tool
- Representative test model
- Measurement or inspection method

METHOD / STEPS

1. Identify whether the utility changes drawing entities, layers, view edges or model appearances; document that scope before running.
2. Save a copy and select a limited sheet/view for the first trial.
3. Apply the color change while preserving dimensions, geometry and unrelated layer definitions.
4. Export a PDF or print preview and compare readability, hidden lines and annotations.

THINGS TO WATCH FOR

Screen gray may print black or disappear under a plot style. Do not claim the existing utility modifies a particular object type without inspecting it.

FIRST TEST / WHAT TO RECORD

Only the intended entities change, and the drawing remains readable in its actual output format.

RESULT / WHERE THIS STANDS

Only the intended entities change, and the drawing remains readable in its actual output format.

TROUBLESHOOTING

- Screen gray may print black or disappear under a plot style. Do not claim the existing utility modifies a particular object type without inspecting it.

SPECIFICATION

TOOL PATH	CAD / automation tool
DELIVERABLE	HOW-TO
VALIDATION	Representative model / known dimension
STATUS	Recovered/Partial

DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

REFERENCE NOTES

Autodesk reference (<https://aps.autodesk.com/developer/overview/inventor-api>).

HOW-TO SOURCES

Autodesk reference

<https://aps.autodesk.com/developer/overview/inventor-api>

RELEASED MATERIAL / SOURCE LINKS

cad-044-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/cad-044-public-summary.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CAD-044>