



Engine Brake Application Guide

TecBrake Engine Brake Models:

T440/A

T450/B

T455/C

For Cummins Engines Models:

N14/N14 Plus

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ENGINE BRAKE APPLICATION GUIDE For Cummins N14/N14 Plus Engines

This guide outlines the procedure to use in selecting the correct model TecBrake engine brake and lash adjusting screws for Cummins N14 and N14 Plus series engines. Included in this guide are the CPL numbers of those engines, which TecBrake has approved for use with their engine brakes.

Engine Identification:

Obtain the engine's CPL number. This number can be used to identify the engine model and is required to determine the correct lash adjusting screw for the application. It is not necessary to determine the turbocharger type when installing brakes on either N14 or N14 Plus series engines.

Engine Brake Kit Listing:

Brake Model	Kit Part No.	Description
T440/A	TB960019	Brake Kit, Basic
T450A/B	TB960017	Brake Kit, Basic
T455B/C	TB960021	Brake Kit, Basic

**Slave lash is 0.023" for all three TecBrake models*

Lash Adjusting Screw Selection:

It is important that the proper lash adjusting screws be selected and installed. Use of the wrong screws or an incorrect lash adjustment may cause improper brake operation and engine damage.

Lash Adjusting Screws Included in Kit:

All necessary adjusting screws are included on each Brake Kit to cover all applications listed.

Lash Adjusting Screw Listing:

Screw No.	Brake Model	Color Code
TB934916	T440/A	White
TB900022	T450A/B	Green
TB900023	T450A/B	Brown
TB900032	T455B/C	Orange
TB900039	T455B/C	Purple

CPL NO.	ENGINE MODEL	BRAKE MODEL	ADJUSTING SCREW
1324	N14-460/E	T440/A	TB934916
1374	N14-370/STC	T440/A	TB934916
1380	N14-350/STC	T440/A	TB934916
1384	N14-460/E	T440/A	TB934916
1385	N14-430/E	T440/A	TB934916
1386	N14-430/E	T440/A	TB934916
1389	N14-370/E	T440/A	TB934916
1390	N14-370/E	T440/A	TB934916

CPL NO.	ENGINE MODEL	BRAKE MODEL	ADJUSTING SCREW
1391	N14-350/E	T440/A	TB934916
1392	N14-330/E	T440/A	TB934916
1393	N14-330/E	T440/A	TB934916
1394	N14-310/E	T440/A	TB934916
1395	N14-330/STC	T440/A	TB934916
1405	N14-410/STC	T440/A	TB934916
1426	N14-410/E	T440/A	TB934916
1445	N14-370/E	T440/A	TB934916
1507	N14-370/STC	T440/A	TB934916
1529	N14-350/STC	T440/A	TB934916
1530	N14-350/STC	T440/A	TB934916
1532	N14-330/STC	T440/A	TB934916
1533	N14-370/E	T440/A	TB934916
1534	N14-370/E	T440/A	TB934916
1535	N14-350/E	T440/A	TB934916
1536	N14-330/E	T440/A	TB934916
1537	N14-330/E	T440/A	TB934916
1538	N14-310/E	T440/A	TB934916
1540	N14-330/E	T440/A	TB934916
1548	N14-460/E	T440/A	TB934916
1572	N14-460/E	T440/A	TB934916
1573	N14-430/E	T440/A	TB934916
1574	N14-350/E	T440/A	TB934916
1575	N14-460/E	T440/A	TB934916
1580	N14-430/E	T440/A	TB934916
1583	N14-430/E	T440/A	TB934916
1607	N14-370/410 STC	T440/A	TB934916
1611	N14-500/E	T440/A	TB934916
1652	N14-430/STC	T440/A	TB934916
1807	N14-310E/370E	T450A/B	TB900022
1809	N14-410E/435E	T450A/B	TB900023
1831	N14-430E/460E	T440/A	TB934916
1833	N14-330E/350E	T450A/B	TB900022
1844	N14-410E/500E	T450A/B	TB900023
1852	N14-500E	T450A/B	TB900023
1878	N14-430/STC	T440/A	TB934916
1896	N14-410E/500E	T450A/B	TB900023
1944	N14-430E/460E	T440/A	TB934916
1956	N14-370/STC	T440/A	TB934916
1957	N14-410/STC	T440/A	TB934916
1987	N14-350E	T450A/B	TB900022
2003	N14-500E	T450A/B	TB900023
2025	N14-435 ESP Plus	T455B/C	TB900032
2026	N14-370 ESP Plus	T455B/C	TB900032
2027	N14-330 ESP Plus	T455B/C	TB900032
2389	N14-330 ESP Plus	T455B/C	TB900039
2390	N14-370 ESP Plus	T455B/C	TB900032
2391	N14-435 ESP Plus	T455B/C	TB900032
2398	N14-370/460E Plus	T455B/C	TB900032
2590	N14-330 ESP Plus	T455B/C	TB900039
2591	N14-370 ESP Plus	T455B/C	TB900032
2592	N14-435 ESP Plus	T455B/C	TB900032