

AIR DISC BRAKES



ROAD CHOICE



We are committed to keeping
trucks on the road and moving
forward by providing quality parts
to all who repair heavy-duty vehicles.

CONFIDENCE.
COVERAGE.
COMMITMENT.

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Parts that keep you moving.
Quality that keeps you coming back.

AIR DISC BRAKES

ADVANTAGES OF AIR DISC BRAKES

Air disc brakes offer an alternative design compared to drum brakes, meeting the demanding challenges and performance standards faced by heavy-duty tractors, trucks and trailers. They are quickly becoming standard equipment for most Class 8 trucks, including trailer, transit, refuse and line haul. Because of their improved safety, performance and Total Cost of Ownership, ADB provides the total package.

VALUE

Due to the greater longevity of ADB components vs. drum brake, vehicles equipped with ADB can offer maintenance related savings of up to 30% for the lifetime of their vehicle. It's also important to note that the Road Choice ADB line is backed by a one-year warranty.

INCREASED UPTIME

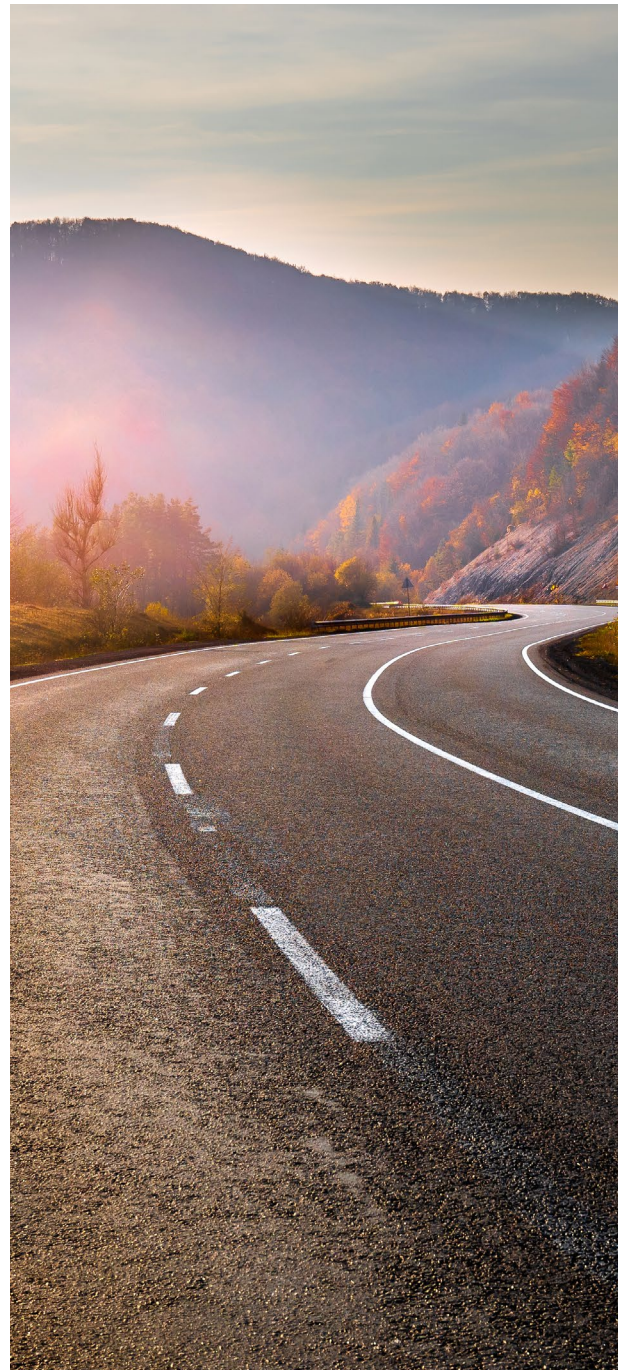
Replacement cycles for wearable components in an ADB system are longer compared to drum brakes. It's not uncommon to see pads and rotors on line haul applications last for 500k miles or more. On average it only takes 15 minutes to replace a set of disc pads, which is significant time saved compared to replacing a set of brake shoes.

SUPERIOR STOPPING POWER

ADB can help stop a vehicle 25-30 feet sooner than traditional drum brakes. They also meet FMVSS-121 reduced stopping distance (RSD) regulations.

HIGH PERFORMANCE

An ADB system disperses heat much better than a drum brake system. Because of the reduced heat accumulation in the wheel end, ADB offer a significant reduction in brake fade, which is a great feature for high-demand applications. They also provide even torque output at each wheel end, creating exceptional brake balance. Overall, drivers will notice that their vehicle feels much safer and controllable during a brake application, even in challenging conditions.

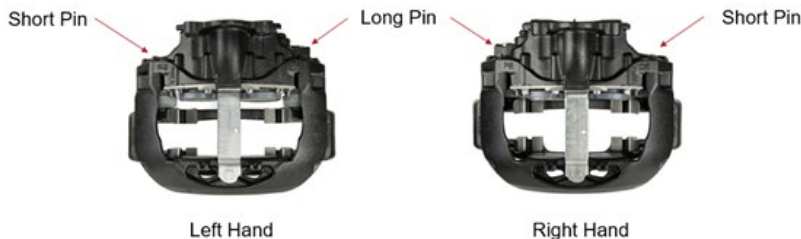


REMAN CALIPERS

ROAD CHOICE REMAN CALIPERS are manufactured in the USA with high quality replacement parts. All internal components are measured before they are reused and worn components are replaced with new. You can have confidence knowing that each caliper is tested at the end of the line to ensure proper function before it's shipped out.



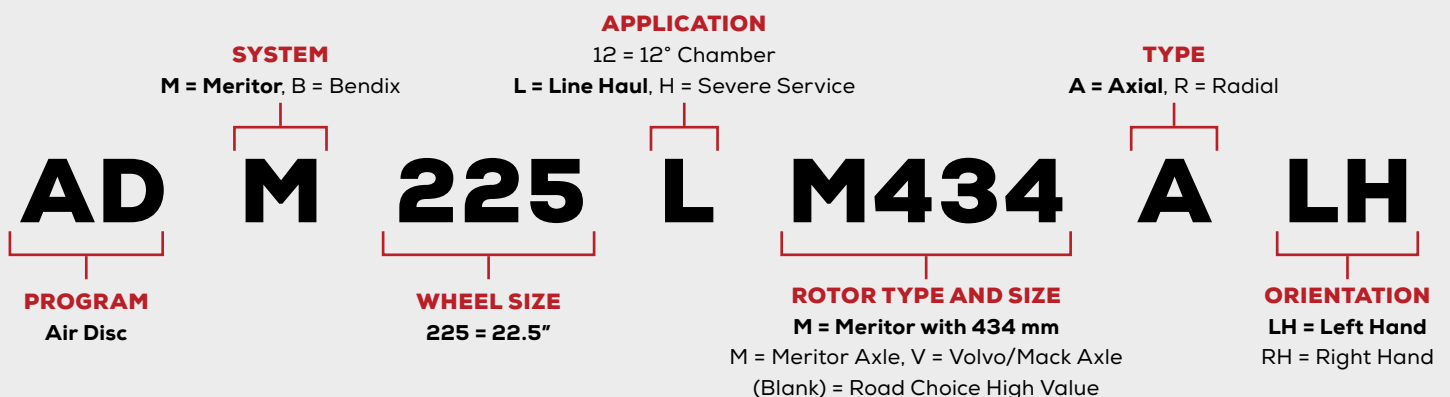
HOW TO IDENTIFY A LEFT VERSUS RIGHT HAND CALIPER



- Stand where you would if a caliper is still on the vehicle
- Find the short pin
- If the short pin is in your left hand, it is a left hand caliper
- This is normally found on the driver (left) side of the vehicle

ROAD CHOICE PART NUMBER	APPLICATION
ADB22512RRH	Freightliner
ADB22512RLH	Freightliner
ADB22512ARH	Paccar, Volvo, Mack, Navistar
ADB22512ALH	Paccar, Volvo, Mack, Navistar
ADM225HMALH	Paccar, Autocar, Coach, Refuse
ADM225HMARH	Paccar, Autocar, Coach, Refuse
ADM225LV434ALH	Mack, Volvo
ADM225LV434ARH	Mack, Volvo
ADM225LM434ALH	Mack, Volvo
ADM225LM434ARH	Mack, Volvo
ADM225HVALH	Mack, Volvo
ADM225HVARH	Mack, Volvo
ADM225LM434RLH	Mack, Volvo
ADM225LM434RRH	Mack, Volvo
ADM225HVRLH	Mack, Volvo
ADM225HVRRH	Mack, Volvo

REMAN CALIPER PART NUMBER NOMENCLATURE (EX. ADM225LM434ALH)



ADB PADS

ENGINEERED FOR VALUE AND HIGH TORQUE STOPPING POWER.

Road Choice serves many heavy-duty markets including trailer, transit, refuse and line haul. All brake pad kits include OE quality hardware.

STANDARDIZE WITH CONFIDENCE.

Road Choice all-makes air disc brake pads are 100% free of asbestos and manufactured with Level N material that meets the Level N 2025 standard (less than 0.5% copper by weight). This allows you to standardize on air disc pads with no need to change your friction brand down the road. That's confidence to put you ahead.

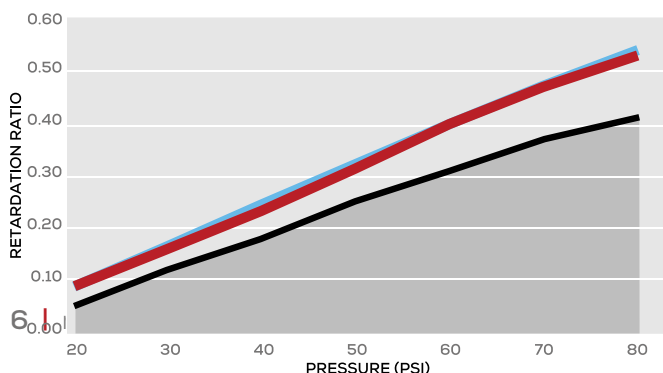


REDUCE STOPPING DISTANCE APPROVED THROUGH FMVSS 121 VALIDATION.

The brake retardation testing and wear testing charts below show how Road Choice air disc brake pad performance compares with competitor performance and industry standards. Road Choice performance was proven when tested using a standard 18" chamber (typical for line haul and trailer applications).

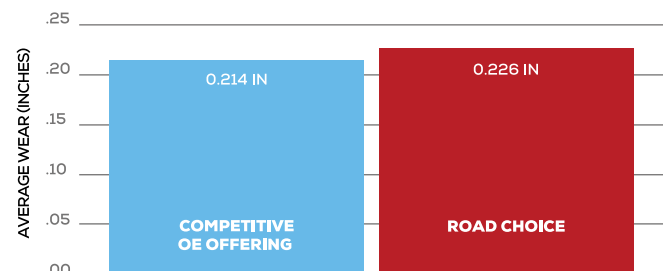
BRAKE RETARDATION PERFORMANCE

— MINIMUM ACCEPTABLE RETARDATION
— ROAD CHOICE — COMPETITIVE OE OFFERING



TOTAL PAD WEAR

SAE J21117 SECTION 7



ADB PADS

ROAD CHOICE AIR DISC BRAKE PADS

- N-type, copper free pad kits give you OEM equivalent stopping performance.
- Each pad kit comes with replacement hardware.

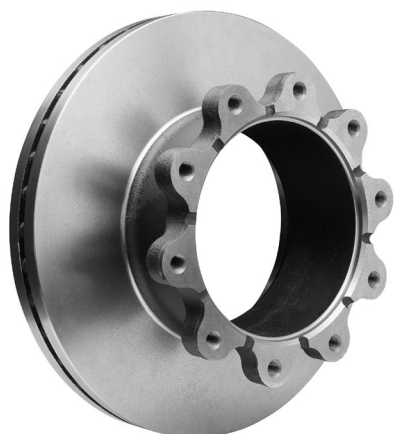


ROAD CHOICE PART NUMBER	APPLICATION
ADVBX1369	Bendix ADB22X
ADVME1370*	Meritor EX+ L 434 MM Rotor
ADVWB1777	Wabco Pan 22
ADVWB2061	Maxxus
ADVME1708	Mack Refuse
ADVME1311	Meritor EX+ H Refuse
ADVME225L410	Meritor EX+ L 410 MM Rotor
ADVWB1777M22T	Hendrickson Maxx 22T
ADVWB1518	Wabco Pan 17
ADVWB1438	Wabco Pan 19
ADVBX1203	Transit

*Only applicable for twin piston calipers.

ADB ROTORS

ROAD CHOICE AIR DISC BRAKE ROTORS are designed for enhanced thermal properties to extend life and improve fade resistance. Lower temperatures during braking allow for longer friction life and improved rotor durability.



ROAD CHOICE PART NUMBER	APPLICATION
ADB150MMU	Line Haul, Refuse, Trailer
ADB138MMU	Line Haul, Refuse, Trailer
ADBK131MMU	Transit/Vocational
ADB045MMS	Truck
ADC160MMU	Truck, Trailer
ADC053MMF	Trailer
ADS34172006	Trailer
AD642098	Transit/Vocational
AD647098	Transit/Vocational

*Bolts not included.

ADB HARDWARE KITS

ROAD CHOICE AIR DISC BRAKE HARDWARE KITS are useful in the event that small repairs are needed. Our hardware kits are perfect for minor caliper repairs or for the replacement of bushings and rubber boots. It's important that small damages, like tears, are caught early before they cause lasting damage. Proper inspection of Air Disc Brake parts, leading to early repair with hardware kits, can save a fleet hundreds of dollars.

ROAD CHOICE PART NUMBER	APPLICATION
ADBX22XNUT	Adjuster shear nut
ADBX22XBUSHING	Tappet bushing kit
ADBX22XPINKIT	Slide pin/bushing kit
ADBX22XGREASE	Slide pin grease
ADBX22XADJCOVER	Adjuster cover



TECHNICAL GUIDE

TECHNICAL GUIDE SPECIFIC TO LINE HAUL AND REFUSE

Regular inspection and maintenance of ADB components is a critical part of vehicle maintenance. We recommend completing a wheels on inspection at least 4 times between pad changes – once every 4-6 months.

The chart below shows recommended maintenance practices in addition to all standard industry practices (including daily pre-trip inspections). It also provides information on conducting visual checks of the condition of the brake pad/rotor wear without removing the wheels.

Make sure that you always refer to your vehicle's maintenance manual for OEM specifications. We recommend documenting normal wear to your system during maintenance inspections. This will help better assist you in determining the ideal maintenance interval for your vehicle.

INSPECTION PERIOD	Line Haul Application Every Four Months	Severe Duty/ Heavy Haul Every Three Months	At Each Preventative Maintenance Inspection
INSPECTIONS WITH THE WHEEL MOUNTED			
Check the wear indicator to determine if a wheels-off inspection is required.	✓	✓	✓
Ensure that pad and rotor clearance is within OEM specifications.	✓	✓	✓
Inspect rotors for any visible cracks or damage.	✓	✓	✓
Inspect caliper bolts and chamber nuts to ensure they are tightened.	✓	✓	✓
Check to ensure adjuster cap and slide pin caps are in place.	✓	✓	✓
INSPECTIONS WITH THE WHEEL REMOVED			
Inspect rotors and pads for any visible cracks or damage.			✓
Remove pads and measure for wear side to side. Check pad abutments for signs of wear.			✓
Ensure that pad and rotor clearance is within OEM specifications. Check slide pin and tappet boots to make sure they are not melted or torn.			✓
Ensure that the caliper travels freely and smoothly.			✓
Ensure that pad adjuster cover and piston boots are free of damage and fully engaged.			✓
Visually inspect the entire ADB unit for signs of damage.			✓

CROSS-REFERENCE

ADB PADS

ROAD CHOICE	VOLVO WID	MERITOR GENUINE	MERITOR	MERITOR REMAN	ARMADA	BREMSKERL	CONMET
ADVBX1203			MMD1203AG			80400017	
ADVBX1369			MMD1369AG		AFD1369	80400016	
ADVME1370	23959277 85151479	KIT2252L2CG KIT2252LCM7400					
ADVWB1777			MMD1777AG				
ADVWB2061			MMD2061AG				
ADVME1708	23649939	KIT2252HVBP	KIT2252HBMA9500			80460002	
ADVME1311	24770503	KIT2252H2DD				80400015 80460003	
ADVME225L410		KIT2252LBM7400					
ADVWB1777M22T			MMD1777M22TAG				
ADVWB1518			MMD1518AG			80100020 80400022	
ADVWB1438			MMD1438AG			80100011 80400024	

ROAD CHOICE	VOLVO WID	GORILLA	MARATHON	OTR	HALDEX	STEMCO	SILVERBACK
ADVBX1203			CBPPRV01 DSHP1203 DSTP1203	OTRD1203		AD1203L AD1203LHP	D12038323 D12038323
ADVBX1369			DSHP1369 DSTP1369	OTRD1369	MPBD1369CV MPBD1369HD MPBD1369XT	AD1369L AD1369LHP	
ADVME1370	23959277 85151479	GBADP1370		OTRD1370	MPBD1370CV MPBD1370HD MPBD1370XT	AD1370L AD1370LHP	
ADVWB1777			9007D1777	OTRD1777		AD1777L AD1777LHP"	
ADVWB2061				OTRD2061			
ADVME1708	23649939						
ADVME1311	24770503	GBADP1311	CBPMTR225 DSTP1311	OTRD1311		AD1311L AD1311LHP AD1690L AD1690LHP	D13118426
ADVME225L410							
ADVWB1777M22T				OTRD177702			
ADVWB1518				OTRD1518		AD1518L AD1518LHP	
ADVWB1438		GBADP1438		OTRD1438	MPBD1438CV MPBD1438HD MPBD1438XT		

CROSS-REFERENCE

ADB PADS

ROAD CHOICE	VOLVO WID	AUTOMANN	BENDIX	WABCO	HENDRICKSON	DAYTON
ADVBX1203		141D1203FS 141D1203SD 141D1203SD	5013257 K006060, K046771K50 K109249 K109318 K218038 K218039			
ADVBX1369		141D1369FS 141D1369SD	K070796 K129276 K109113		S29152 S291522	23AD1369 ATD1369HD, D1369CB
ADVME1370	23959277 85151479	141D1370FS 141D1370SD	AMPM1370BA AMPM1370BABXW E11113700 E11113700BXW			
ADVWB1777		141D1777FS 141D1777SD	AMPW1777BA	122999796 12999796 6402259222	S326761 S411651	6402259222 S32676
ADVWB2061		141D2061FS	AMPW2061BA	6403229322 6403229342		26CV9342 29AD9342, 6403229342
ADVME1708	23649939					GTD1708
ADVME1311	24770503	141D1311FS 141D1311SD 141D1690S	E11113110 E11113110BXW			23AD1311 D1311CB DSHP1311 DSHP1311W DSTP1311W
ADVME225L410						
ADVWB1777M22T		141D1777FS 141D1777SD	AMPWT1777BA	6042229272 6402229272	S411671	26CV1777H 29AD1777H DSHP1777
ADVWB1518		141D1518FS 141D1518SD	AMPW1518BA	12999703VT 12999743VT 12999806	S411591	12999806 23AD1518 26CV1518, 29AD1518 DSHP1518
ADVWB1438		141D1438FS 141D1438SD	AMPW1438BA	12999737VT 261112999747VT	S411621	12999737VT 23AD1438, 29AD1438

CROSS-REFERENCE

ADB ROTORS

ROAD CHOICE	VOLVO WID	MERITOR GENUINE	MERITOR	MERITOR REMAN	ARMADA	BREMSKERL	CONMET
ADBK131MMU			M44DK021958				
AD642098			23123642002				10080753 10082181 15031012
AD647098			23123647002				
ADB150MMU		M44D802082					10012031 10019897 10041006 10082074
ADB045MMS		M44DH802569					
ADB138MMU		M44D802081					10082589
ADC053MMF		M44DH18609					10016195 10018609 10085621
ADC160MMU		M44DH20682					10020109 10020682
ADS34172006		M44DHS34172006					

ROAD CHOICE	VOLVO WID	GORILLA	MARATHON	OTR	HALDEX	STEMCO	SILVERBACK
ADBK131MMU				OTR76612			
AD642098							
AD647098							
ADB150MMU				OTR86718			
ADB045MMS				OTR86793			
ADB138MMU				OTR76618			
ADC053MMF				OTR76801			
ADC160MMU				OTR76620			
ADS34172006				OTR86710			

ROAD CHOICE	VOLVO WID	AUTOMANN	BENDIX	WABCO	HENDRICKSON	DAYTON
ADBK131MMU		153137191	11371910061 11371910061 K021958			
AD642098		153123642				
AD647098		153123647	AMR2226N			
ADB150MMU		153125802	802082 K000332 K038574 K110358		S32193	125802
ADB045MMS		1531802569	802569		S2915217	
ADB138MMU		1531802081	802081 K000758 K038573			125803
ADC053MMF		153116195	AMR2244N		S36661 S366611	10018609 125701
ADC160MMU		15310020109	AMR2240N			125710
ADS34172006		153125705 153134172	AMR2261N		S34172 S38764	125703 125705, S34172

CROSS-REFERENCE

REMAN CALIPERS

ROAD CHOICE	VOLVO WID	MERITOR GENUINE	MERITOR	MERITOR REMAN	ARMADA	BREMSKERL	CONMET
ADM225HMARH		EX225H201XX000		EX225H201R			
ADM225HMALH		EX225H202XX000		EX225H202R			
ADM225HVRLH	23675133 21906491 EX225H215XX101 23824112	EX225H225XX101		EX225H215R			
ADM225HVRRH	23675134 21906497 EX225H216XX101 23824113	EX225H226XX101		EX225H216R			
ADM225HVALH	23675025 22188310 22188312 EX225H217XX101 23824101	EX225H227XX101		EX225H217R			
ADM225HVARH	23675026 22188311 22188315 EX225H218XX101 23824103	EX225H228XX101		EX225H218R			
ADB22512ALH				MK081143X			
ADB22512ARH				MK081142X			
ADB22512RLH				MK081257X			
ADB22512RRH				MK081256X			
ADM225LV434ALH	23675019 23582848 23582844 EX225L235XX000	EX225L265XX000					
ADM225LV434ARH	23675020 23582850 23582846 EX225L236XX000	EX225L266XX000					
ADM225LM434ALH	23675022 23582864 23582860 EX225L237XX000	EX225L267XX000					
ADM225LM434ARH	23675023 23582866 23582862 EX225L238XX000	EX225L268XX000					
ADM225LM434RLH	23675034 23582876 23582831 EX225L247XX000	EX225L269XX000					
ADM225LM434RRH	23675035 23582878 23582833 EX225L248XX000	EX225L270XX000					

CROSS-REFERENCE

REMAN CALIPERS CONTINUED

ROAD CHOICE	VOLVO WID	GORILLA	MARATHON	OTR	HALDEX	STEMCO	SILVERBACK
ADM225HMARH			CTRM201RN				EXAC225H201X
ADM225HMALH			CTRM202LN				EXAC225H202X
ADM225HVR LH	23675133 21906491 EX225H215XX101 23824112						
ADM225HVRRH	23675134 21906497 EX225H216XX101 23824113						
ADM225HVALH	23675025 22188310 22188312 EX225H217XX101 23824101						
ADM225HVARH	23675026 22188311 22188315 EX225H218XX101 23824103						
ADB22512ALH			CTRB962LXNC	OTR22X02A			10AC9961X
ADB22512ARH			CTRB961RXNC	OTR22X01A			10AC9962X
ADB22512RLH			CTRB958LXNC	OTR22X02V			10AC9958X
ADB22512RRH			CTRB957RXNC	OTR22X01V			10AC9957X
ADM225LV434ALH	23675019 23582848 23582844 EX225L235XX000						
ADM225LV434ARH	23675020 23582850 23582846 EX225L236XX000						
ADM225LM434ALH	23675022 23582864 23582860 EX225L237XX000						
ADM225LM434ARH	23675023 23582866 23582862 EX225L238XX000						
ADM225LM434RLH	23675034 23582876 EX225L247XX000						
ADM225LM434RRH	23675035 23582878 EX225L248XX000						

CROSS-REFERENCE

REMAN CALIPERS CONTINUED

ROAD CHOICE	VOLVO WID	AUTOMANN	BENDIX	WABCO	HENDRICKSON	DAYTON
ADM225HMARH						
ADM225HMALH						
ADM225HVR LH	23675133 21906491 EX225H215XX101 23824112					
ADM225HVRRH	23675134 21906497 EX225H216XX101 23824113					
ADM225HVALH	23675025 22188310 22188312 EX225H217XX101 23824101					
ADM225HVARH	23675026 22188311 22188315 EX225H218XX101 23824103					
ADB22512ALH		158K081143	K081143, K081259, K097845SC, K097851, K097851SC, K109962X K147429, K147429X			
ADB22512ARH		158K081142	K081142, K081258, K097844SC, K097850, K097850SC, K109961X, K147430, K147430X			
ADB22512RLH		158K081257	K021300, K081257, K081259, K097847, K097847SC, K109958X, K147135, K147135X			
ADB22512RRH		158K081256	K021299, K081256, K081258, K097846, K097846SC, K109957X, K147136, K147136X			
ADM225LV434ALH	23675019 23582848 23582844 EX225L235XX000					
ADM225LV434ARH	23675020 23582850 23582846 EX225L236XX000					
ADM225LM434ALH	23675022 23582864 23582860 EX225L237XX000					
ADM225LM434ARH	23675023 23582866 23582862 EX225L238XX000					
ADM225LM434RLH	23675034 23582876 EX225L247XX000					
ADM225LM434RRH	23675035 23582878 EX225L248XX000					



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