

# CATALOG – PDF Download Version

**SECTION**

**Suspension, Handling, Braking**  
Shocks, Fork springs, Handling upgrades, Brake pads/shoes, etc.  
Version 1.2, published October 20, 2004

- This file is only a part of our larger catalog which will be printed in its entirety and distributed at a later date. Therefore the text may contain references to other pages that are not necessarily included in this document. If you would like to know more information about these references, please call.
- As always, **prices are subject to change without notice**. Prices shown in this document, while accurate at the time of publication, are not guaranteed. Though we strive to keep our prices fair, reasonable – and whenever possible – stable, currently fluctuating currency markets have made the costs of imported goods more volatile than usual. To avoid surprises, please make sure to confirm prices each time you order.
- Two symbols used in the following pages are explained here: (➤) The arrow symbol shows dates of application. For example, when the arrow appears BEFORE the date ( Air-Heads, ➤80), the part applies to all Air-cooled Twin models up to and including the 1980 model year. If the arrow symbol is AFTER the date ( F650, 01➤), it means the part fits F650s including '01 and later. (✕) This symbol means Except. It's often simpler to say what a part doesn't fit, so this symbol is used when a part fits a designated range of models except the one(s) shown after the symbol. For example: Oil-Heads (✕R12C/L) means a part fits all Oil-cooled Twin models except R1200C and CL.

## Ordering Information • Terms and Conditions

**THE EASIEST WAY** to place an order is to call our TOLL-FREE order line from 9:00AM to 6:00PM Monday through Friday, or 9:00AM to 4:00PM Saturday. Of course, FAX and e-mail orders can be placed anytime. We make every effort to ship *all* orders the same day they are received, however telephone orders tend to get priority.

**There is NO MINIMUM ORDER at Bob's!**

Please: If you have technical questions, or some inquiry that will require research or lengthy discussion, be courteous to our other customers by calling on our regular parts line: 301-497-8949.

We will gladly attempt to provide answers and solve problems but we simply cannot tie up our order line to do this. We greatly appreciate your cooperation.

**PAYMENT** To ensure prompt shipment, we recommend paying by credit card. We accept Visa, Mastercard, American Express, and Discover. When mailing or faxing an order, please remember to include a home AND daytime phone number, your credit card number and the expiration date. Mail orders may also be pre-paid by money order or certified check. Orders sent with personal checks will not be shipped until the check clears, which may take up to ten days. We therefore discourage the use of personal checks as it slows down our service to you.

**COD ORDERS** We will ship orders COD, but payment must be made with certified check or money order. Cash or personal checks will NOT be accepted! Dealers may pay with a company check but must obtain prior approval. There is an additional shipping charge of \$6.00 on all COD orders. If you refuse a COD order, you will be responsible for all shipping charges, and no further orders will be allowed until those charges are paid.

**PRICING** All items in this catalog are priced EACH, unless otherwise specified. Bob's BMW reserves the

right to alter prices without prior notice. Current prices will prevail at the time of invoicing. If you have questions about current prices, we urge you call us for a quote.

**SHIPPING** We ship UPS Ground in the continental US unless requested otherwise. Other services available upon request include UPS Red Label (next day), UPS Blue Label (2nd day), UPS Three Day Select, Federal Express, US Parcel Post and several common carriers for oversize shipments. Shipping cost is based on the weight and dimension of the package. To that we add a modest fee for materials and handling. This fee may be higher in the case of orders that are oversize or require special handling. When you place an order we will give a realistic estimate of your total shipping cost. If you need an exact quote, please ask.

**INTERNATIONAL:** Canadian and some other international orders are sent by Air Parcel Post unless requested otherwise. UPS services are used for most other international shipments. All customs and brokerage fees are the responsibility of the customer.

**DAMAGED GOODS** All merchandise is in good condition when it leaves Bob's. When you receive a package, open it and inspect the contents immediately. Be sure to save all packing materials. If a part is lost (box broken open) or damaged in transit, you should immediately notify us. Do not return the part until you have contacted us first, as this would make it impossible to collect on a claim from the carrier. All merchandise is shipped insured for full value\* and the responsibility for proper delivery is upon the carrier. We will work with you and the carrier to make sure that any problem is resolved as quickly as possible. Call our parts department at 301-497-8949, extension 504.

\*if US Mail orders are shipped uninsured, either at your request or because insurance is unavailable, you must bear all responsibility for loss or damage.

### **MONEY BACK GUARANTEE**

We are confident that you will be happy with every purchase you make from Bob's BMW. If, for any reason, you are not 100% satisfied with any of our products, please contact us right away. You may return merchandise, provided it is unused and in original condition, within 30 days from the date of invoice for a full refund of the purchase price.

### **IF YOU NEED TO MAKE A RETURN:**

Simply contact one of our parts department staff at 301-497-8949, ext. 504 for a return authorization.

### **COD returns will NOT be accepted.**

Returns MUST be accompanied by a copy of the invoice and must be returned in original packaging - by this we mean the manufacturer's individual packaging, if applicable, not the shipping carton. Electrical items, bearings, books, special ordered, or custom made items are not returnable with the exception of damaged or defective merchandise, which will be replaced. Returns after 30 days are subject to a restocking fee of 15% or \$5.00 whichever is greater. All shipping costs are the responsibility of the customer except in the case of defective merchandise or an error on our part.

**TOLL FREE ORDER LINE:**

**800-269-2627**

( 8 0 0 - B M W - B O B ' S )

**ALL OTHER INQUIRIES**  
or technical assistance:

**301-497-8949**

Ext. 504: Parts/Used Parts/Accessories/Apparel

Ext. 502: Service Department

Ext. 501: New & Used Motorcycles

**ORDER by FAX:**

**301-776-2338**

Orders and inquiries by e-mail:

**parts@bobsbmw.com** or:

**accessories@bobsbmw.com**

**Please visit BOB'S BMW! 10720 Guilford Road, Columbia/Jessup, Maryland 20794-9385 • or on the web: www.bobsbmw.com**

# handling & suspension

## Replacement Shocks from *Progressive Suspension*



### Öhlins Shocks

These Swedish shocks with the distinctive yellow springs have earned the reputation of being **the best shock absorbers in the world**. Need a testimonial? Just ask anyone who's installed one. If you want the ultimate in quality and performance, then demand Öhlins!

MODEL	Front/Rear	PART No.	Price
R80 GS	Rear	<b>OHBM317</b>	<b>\$681.95</b>
R100 GS/PD	Rear	<b>OHBM836</b>	<b>681.95</b>
R1100 RS	Front	<b>OHBM335</b>	<b>616.95</b>
	Rear	<b>OHBM334</b>	<b>616.95</b>
R1100 RT	Front	<b>OHBM601</b>	<b>616.95</b>
	Rear	<b>OHBM602</b>	<b>774.95</b>
R1100 GS	Front	<b>OHBM425</b>	<b>616.95</b>
	Rear	<b>OHBM424</b>	<b>681.95</b>
R850/1100 R	Front	<b>OHBM634</b>	<b>616.95</b>
	Rear	<b>OHBM635</b>	<b>774.95</b>
R1100 S	Front	<b>OHBM842</b>	<b>681.95</b>
	Rear	<b>OHBM205</b>	<b>918.95</b>
R1150 R	Front	<b>OHBM050</b>	<b>616.95</b>
	Rear	<b>OHBM049</b>	<b>681.95</b>
R1150 RT	Front	<b>OHBM124</b>	<b>616.95</b>
	Rear	<b>OHBM125</b>	<b>681.95</b>
R1150 RS	Front	<b>OHBM335</b>	<b>616.95</b>
	Rear	<b>OHBM201</b>	<b>681.95</b>
R1150 GS	Front	<b>OHBM425</b>	<b>616.95</b>
	Rear	<b>OHBM940</b>	<b>681.95</b>
GS-Adventure	Front	<b>OHBM216</b>	<b>616.95</b>
	Rear	<b>OHBM215</b>	<b>681.95</b>
K1100 RS ('93)	Rear	<b>OHBM309</b>	<b>884.95</b>
K1100 LT/RS ('94-'98)	Rear	<b>OHBM420</b>	<b>884.95</b>
K1200 LT	Rear	<b>OHBM851</b>	<b>681.95</b>
	Front	<b>OHBM852</b>	<b>616.95</b>
K1200 RS	Front	<b>OHBM701</b>	<b>616.95</b>
	Rear	<b>OHBM702</b>	<b>918.95</b>
K1200 GT	Front	<b>OHBM701</b>	<b>616.95</b>
	Rear	<b>OHBM318</b>	<b>918.95</b>
F650 Funduro/Strada*	Rear	<b>OHBM623</b>	<b>884.95</b>
F650 GS	Rear	coming soon... please call	
F650 Dakar	Rear	<b>OHBM048</b>	<b>883.95</b>
F650 CS*	Rear	<b>OHBM204</b>	<b>681.95</b>

\*standard height suspension

### Twin-Shock Air-Heads: Shocks, Springs, with assembly—all together... Pair \$249.00

From the list below, choose a pair of shocks, then choose the springs you want to match. Order *one* each of both part numbers. We will assemble them (special tools required) and send them to you ready to install.

- **Shocks: "12 Series"** — black, steel body construction, gas charged, with 5-position preload settings.
  - 13.5" Shocks For all 2-shock models ('73[Long Whl. Base] to '84) *except* R65 **77 1203**
  - 13" Shocks For /5[Short Whl. Base], R65(→84), or to SHORTEN suspension on above **77 1202**
- **Springs for "12 Series"** — black, progressively wound, will provide a long service life.
  - Springs... Lighter than average load requirements **77 1301**
  - Springs... Standard or average load requirements **77 1302**
  - Springs... Heavy duty load requirements (not recommended for 13" shock) **77 1303**

### Steel Body Shocks for early K Models: \$246.95

- The "412 Series" — black, gas charged, 5-position preload settings, fitted with progressive spring.
  - For all K75 and 2-valve K100 models, standard length (same as stock) **77 4015**
  - Same as above, but SHORTER by 3/4", when a lower suspension is desired **77 4016**

### Aluminum Body Shocks for K Models and Monolever Twins: \$409.00

- The "420 Series" —infinite preload adjustment, external 5-position rebound damping adjustment, nitrogen charged internal bladder (thus no external reservoir to fit), fitted with Progressive spring.
  - For all K75 and 2-valve K100 models **77 2401**
  - For all 4-valve K100 and K1100 models **77 2419**
  - For '85-'95 R65/80/100 Monolever bikes (*except* R80GS, *Not* R100GS/100R/Mystic) **77 2418**

and from **WORKS PERFORMANCE** A favorite at the mid to upper price range. "Works" shocks offer dual and triple rate springs, rebound adjustability, and a remote reservoir on most rear models. Many also feature the ARS system that, with a turn of a lever, switches your solo rider settings over to ones that accommodate a passenger and luggage. High-end quality and performance. Custom order only. Please call! Front shocks: **\$399.95** Rear: **\$329.95 to \$709.95**

Bob's also carries shocks by **FOX** and **BITUBO**. Call for more information or to place your order!

### Fork Springs from *Progressive Suspension*

Bad news: your stock springs are worn out. Period. Good news: The fix is easy and affordable, plus you'll be pleasantly surprised when you find out what front end suspension is *supposed* to feel like.

- **77 1101** '70-'84 R models (*except* R65, R80GS/ST)
- **77 1125** '79-'84 R65, R80GS & ST
- **77 1130** '85> Monolever (*except* R80GS/ST)
- **77 1127** All years R100GS & PD
- **77 1126** '85-'91 K models
- **77 1509** '92> K models(Showa) & R100R/Mystic

All models: **\$69.95**



OK, you care about handling and you've already changed your fork springs. Good. How long ago was that? How many miles? Most people don't notice the gradual deterioration of their suspension over time, but ALL springs, even the best ones, eventually wear out. How do yours feel? Could it be time to replace them?

### Handling Fix for Air-Heads!

#### Telefix Fork Brace

This fork brace installs easily and provides a significant handling improvement for the sporting rider. If a small fork mis-alignment occurs, simply loosen the Telefix, release the stress, and re-tighten.

- **FS 31** R65 ('79-84 *only*) **\$130.00**
- **FS 32** all other '74-'84 **130.00**



#### Billet Upper Triple Clamp

Solidify your front end with this beautifully machined aluminum piece. It's much stronger than stock stamped steel part, and especially when combined with the Telefix fork brace, results in a noticeable difference in handling performance!

For '70-'84, (xR65, GS/ST): **69-31426 \$119.95**

For '85> Monolever, (xGS/ST): **69-31428 119.95**

### Paralever Torque Arm from *Moto Techniques*

This trick item is both lighter and stronger than the stock arm. It's precision machined from billet aluminum, clear anodized, and it comes with a new BMW bushing installed (on models where appropriate). Stock Paralever geometry and handling is maintained.



- R- R/RS/RT **513-051 \$164.50**
- R1100 S **513-052 164.50**
- R- GS **513-053 164.50**
- K1200 RS **513-054 159.00**
- K1200 LT **513-059 159.00**



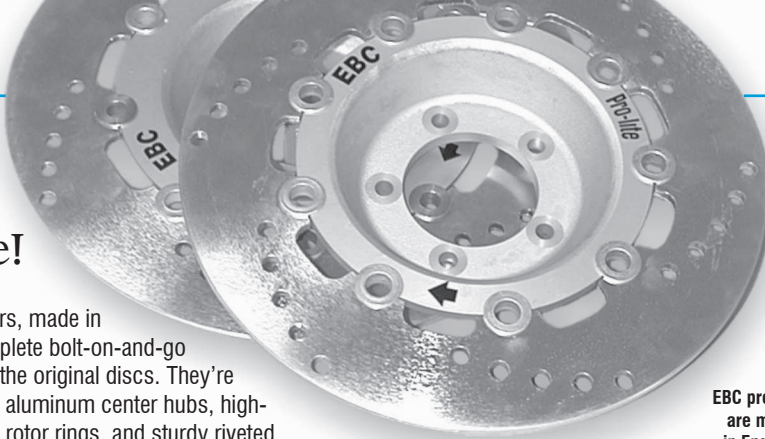
- '70-'84 /5,/6,/7 **I7610-1298 \$335/pr**
- '79-'84 R65,R65LS **I7610-1427 \$335/pr**

#### Ikon Shocks

Yes, Koni is gone but *IKON* Shocks, made in Australia, are now here to fill the gap. In both appearance and performance, they perfectly match the revered Koni model 7610 shocks. It's all still there: 4-position adjustable damping, triple-rate springs with 3-position adjustable preload. Ikon shocks are completely rebuildable and guaranteed. Isn't it time to replace or upgrade the shocks on your 1970-'84 twin?

# Brake Rotor Upgrade!

**EBC Pro-lite** rotors, made in England, are complete bolt-on-and-go replacements for the original discs. They're made with forged aluminum center hubs, high-friction billet steel rotor rings, and sturdy riveted construction. These rotors feature *fully floating* design that provides excellent performance under stress while reducing the likelihood of distortion and warping. In addition, the reduced scraper hole pattern prolongs pad life!



EBC products are made in England

# braking

## Drum Brakes

EBC's excellent replacement brake shoes for '70 and newer models give you superior stopping power at an affordable price. Non-asbestos linings are bonded to replica shoes, sold in pairs ready to install.



## Disk Brake Pads

Our favorite aftermarket pads are **EBC**. They're made of organic materials mixed with incredibly strong Dupont KEVLAR fibers. They're **SOFTER** than stock pads, which means they're less likely to cause excessive wear to your rotors. They provide exceptional heat dissipation, long wear, and best of all, great performance!



**NOTE:** BMW recommends using stock replacement pads for models with *Integral ABS*. See appropriate BMW Parts section for part numbers.

MODEL	LEFT rotor	RIGHT rotor	PRICE EA.
Twins, >84 (xR65, R80GS/ST)	# 612794	# 612795	\$199.00
R65(>84), R80GS, R80ST	613747		235.00
Monolever & Paralever twins (xR80GS/ST)	613745	613746	235.00
K75/K100 (without ABS), FRONT	612796	612797	199.00
K75/K100(2v) with ABS, FRONT	615304	615305	235.00
K100(4v) & K1100 with ABS, FRONT	613748	613749	219.00
R1100RS & R1100RT with ABS, FRONT	613748	613749	219.00

EBC Rotors for other models are also available, please call.

## Braided Stainless Steel Brake Lines

Our custom stainless brake lines are now made exclusively for us by PROformance Engineering, a local company that works in daily contact with our own service department. You're assured of the highest quality and correct applicability for your bike.

**Why switch to stainless?** Stock lines are made of reinforced synthetic rubber which, even when new, expands under pressure, leading to a mushy feel. In older marginal systems this can lead to the brake lever running out of movement before full system pressure has been reached. Our brake lines consist of an extruded Teflon hose, tightly wrapped in stainless steel wire braid, then coated in clear plastic to protect painted surfaces. The result is virtually no expansion.

**There is a difference!** After you install our lines, look at your brake calipers while you pull hard on the lever. Two piece calipers (Brembo) can be seen flexing around their clamping bolts, and frequently you can see the mounting lugs on the fork slider twisting. This doesn't mean something's wrong; it just shows how much more pressure reaches the calipers with stiffer lines!

**Had a close call lately?** Modern traffic demands alert riding and GOOD BRAKES. If your stock brake lines are more than 4 years old, they should be replaced as a maintenance item. Too much money? Check the price of OEM lines. Our stainless brake lines frequently cost **LESS** than stock!

To order a complete kit, just tell us the year and model of your bike. If you need a specific or custom line, tell us the overall length you want, as well as the type of ends: male, female, straight banjo, or angled banjo. We'll do the rest.



There are far too many models to list all the prices here, but just to give you an idea what to expect: a complete kit for a K1200RS is \$229.95; a complete kit for an 81-84 R100RS costs \$159.95; and a single long line to the caliper on a /6 is \$52.50.

## Brake Pad and Shoe Applications

*Not recommended for Integral ABS models.*

Each item includes a PAIR. For drum brakes, order one per wheel. For disc brakes, order one for each disc brake.

	FRONT				REAR			
	Year	Model	Pad/Shoe	PART #	Price	Pad/Shoe	PART #	Price
A I R - H e a d s	'70-77	R50, R60	864	61 8640	\$55.00	860	61 8600	\$55.00
	'74-80	R75-80-90-100/7	FA22	61 1220	30.00	860	61 8600	55.00
	'78-80	R100RS/RT	FA22	61 1220	30.00	FA18	61 1180	26.00
	'79-80	R65	FA57	61 1570	28.00	860	61 8600	55.00
	'81-84	R65 (xLS)	FA18	61 1180	26.00	861	61 8610	55.00
	'81-84	R65LS	FA57	61 1570	28.00	Use these BMW #s: 34 21 2 311 082 \$45.99, 34 21 2 311 083 \$45.99		
	'81-84	R80RT, R80ST	FA18	61 1180	26.00	861	61 8610	55.00
	'81-87	R80GS	FA18	61 1180	26.00	861G	61 8615	55.00
	'81-84	R100 - all models	FA18	61 1180	26.00	FA18	61 1180	26.00
	'85-8/89	R65/80/100 Monolever	FA18	61 1180	26.00	861	61 8610	55.00
	9/89 >	R100 Monolever	FA18	61 1180	26.00	859	61 8590	51.00
	> 8/89	R100GS/PD	FA77	61 1770	26.00	861G	61 8615	55.00
	9/89 >	R100GS/PD	FA77	61 1770	26.00	859	61 8590	51.00
	'93 >	R100R/Mystic	FA246	61 2465	31.00	859	61 8590	51.00
K - B i k e s	> 8/88	K75 w/disc rear	FA18	61 1180	26.00	FA18	61 1180	26.00
	> 8/88	K75 w/drum rear	FA18	61 1180	26.00	861	61 8610	55.00
	9/88-89	K75 w/drum rear	FA18	61 1713	27.00	861	61 8610	55.00
	'90 >	K75 - all models	FA18	61 1713	27.00	FA18	61 1180	26.00
	> 9/88	K100 - all models	FA18	61 1180	26.00	FA18	61 1180	26.00
	10/88 >	K100 - 2v models	FA18	61 1713	27.00	FA18	61 1180	26.00
	'89 >	K1 & K100RS(4v)	FA246	61 2465	31.00	FA18	61 1180	26.00
	'92 >	K1100 - all models	FA246	61 2465	31.00	FA18	61 1180	26.00
	'97 >	K1200RS	FA246	61 2465	31.00	FA18	61 1180	26.00
	'99 >	K1200LT	FA246	61 2465	31.00	FA304	61 3042	28.00
O I L - H e a d s	'94 >	R1100RS	FA246	61 2465	31.00	FA171	61 1713	27.00
	'95 >	R1100GS	FA246	61 2465	31.00	FA245	61 2450	25.00
	'95 >	R850R & R1100R	FA246	61 2465	31.00	FA245	61 2450	25.00
	'96 >	R1100RT	FA246	61 2465	31.00	FA245	61 2450	25.00
	'01	R1100S	FA246	61 2465	31.00	FA245	61 2450	25.00
	'98 >	R1200C	FA246	61 2465	31.00	FA245	61 2450	25.00
	'00 >	R1150GS	FA246	61 2465	31.00	FA245	61 2450	25.00
	'95 >	F650 - all models	FA209	61 2095	31.00	FA208	61 2080	28.80

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Order NOW! **1-800-269-2627**  
(1 - 8 0 0 - B M W - B O B ' S )

OFF-LINE



# ORDER FORM

Use this form to help speed your order! You may fill it out and **FAX** it in for the fastest service, or **MAIL** it in if speed is not as critical. If you would rather **CALL** with your order, use the form to organize the items you want to purchase before you pick up the phone. If you wish to place your order by **EMAIL**, please include all the information asked for at the bottom of this form to ensure prompt processing of your order.

**24/7 FAX: 301-776-2338**

**Toll-Free ORDER LINE: 1-800-269-2627**

HOURS: Mon, Tue, Thu, Fri: 9A-6P, Wed: 9A-8P, Sat: 9A-4P

• PHOTOCOPY THIS FORM TO USE AGAIN AND AGAIN! • PHOTOCOPY THIS FORM TO USE AGAIN AND AGAIN! • PHOTOCOPY THIS FORM TO USE AGAIN AND AGAIN! •

**IMPORTANT!** Ordering for more than 1 bike? Indicate it **clearly!**

YEAR: MODEL:

This form is primarily for ordering items found in our CATALOG and on our WEB Site. If you want to order other items, or if you have questions requiring technical assistance or lengthy research, **PLEASE** call our parts department at **301-497-8949 ext.504** ... still the best way to get comprehensive information along with the personal attention you deserve!

Qty.	Part Number	Description (also color & size if applicable)	Price each	Total
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
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10.				
11.				
12.	<b>1</b> <i>GIFT Certificate</i>	Birthdays, holidays, or anytime your favorite BMW rider needs something special, a <b>Bob's Gift Certificate</b> is the way to go. Pick any amount (\$25 & up), let us know who it's for and where to send it, and we'll do the rest!		

Need more? Write your name and "page 2", and as many lines as you need on a separate sheet of paper.

**THIS FORM MUST BE COMPLETE AND LEGIBLE!** BE SURE TO USE PART NUMBERS, as shown in our catalog. If part numbers aren't available, part descriptions must be clear and unambiguous. Don't forget to indicate the yr. & model of your motorcycle! We will notify you in the event of significant price change, or lengthy back order situation.

**SHIPPING & HANDLING:** We will ADD the shipping and handling cost to your total. It is the actual cost charged by the carrier based on size & weight, plus a modest fee for materials and handling. If you're mailing this order accompanied by a money order, CALL US FIRST to find out how much shipping cost to add.

Please see the previous page (59) in our catalog for more details about terms and conditions, shipping, returns, etc.

**TOTAL**  
COST OF MERCHANDISE

Maryland residents will be charged 5% Sales Tax.

WE WILL ADD THE COST OF  
**SHIPPING & HANDLING**  
TO YOUR TOTAL!

Name \_\_\_\_\_ HOME Phone \_\_\_\_\_

Street \_\_\_\_\_ WORK Phone \_\_\_\_\_

City \_\_\_\_\_ State (or Province) \_\_\_\_\_ Zip \_\_\_\_\_ FAX (or email) \_\_\_\_\_

VISA  MASTERCARD Card # \_\_\_\_\_ Exp. date \_\_\_\_\_

AMEX  DISCOVER/NOVUS

MONEY ORDER (Shipping cost must be included!) Signature \_\_\_\_\_

NO personal checks, please!

• PHOTOCOPY THIS FORM TO USE AGAIN AND AGAIN! • PHOTOCOPY THIS FORM TO USE AGAIN AND AGAIN! • PHOTOCOPY THIS FORM TO USE AGAIN AND AGAIN! •